



Miami-Dade Transportation Plan Update to the Year 2030

Air Quality Conformity Determination Report

December 2004



Prepared by:



In association with:
PACO Group
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Media Relations Group



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CONFORMITY REQUIREMENTS

Name of MPO: Metropolitan Planning Organization for the Miami Urbanized Area		
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1	A copy of the MPO's finding of conformity on the transportation plan is included.	3
2	An emissions reduction summary table such as Table 3 of this procedure is included.	3
3	The report demonstrates that the implementation of the transportation plan will contribute to annual emission reductions when compared to the 1990 base year network, and that the same is true for each analysis or horizon year. The horizon years were selected by the MPO through the Consultation Process.	3
4	The report documents that the transportation plan is in conformance with the SIP, the CAA, and the transportation conformity regulation, the metropolitan planning regulation, and other applicable and state requirements.	3
5	The report states that the transportation plan is financially constrained.	4
6	The dates the MPO's Technical and Citizens' Advisory Committees (TAC and CAC, respectively) reviewed the conformity finding, and the date the MPO adopted the transportation plan and its Conformity Determination Report, are indicated.	4
7	The MPO has documented that the contents of the transportation plan meet the requirements of 40 CFR 93.106	4
8	The emissions expected from the implementation of the transportation plan are consistent with the motor vehicle emissions budgets for the MPO shown in the approved maintenance plan; emissions for each horizon year are less than the 1990 base year inventory by any non-zero amount.	4
9	The date the area was re-designated to attainment by EPA is shown.	5
10	The transportation plan conforms to the purpose of the SIP by eliminating or reducing the severity and number of violations of NAAQS and achieving expeditious implementation of such standards.	5
11	Page numbers in the transportation plan where financially funded Transportation Control Measure (TCM)-type strategies, programs, and projects, including CMAQ projects, as applicable, are identified.	5
12	The dates that FHWA/FTA made finding of conformity on the previous TIP and the TIP was approved by the Secretary of FDOT as shown.	6
13	The report identifies significant issues raised verbally or in writing at,	6

Name of MPO: Metropolitan Planning Organization for the Miami Urbanized Area		
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	or subsequent to, the TAC meeting by state or local air quality agencies, and how the MPO addressed such concerns; or, the report states that no significant comments were received.	6
14	Relevant interagency and/or interlocal agreements necessary to implement the conformity process are documented, and the parties to the agreements and the dates executed are cited.	6
15	The MPO has documented how data collection, analysis, and development of the transportation plan was coordinated with the other MPOs in the same airshed (if applicable), and how the interagency consultation process was implemented to ensure consistency between emissions and conformity analyses.	6
16	The plan documents that the emissions budgets used in the conformity analysis are those contained in the SIP's approved maintenance plan, and the conformity analysis meets the analysis requirements of 40 CFR 93.118.	7
17	The long-range plan describes the future transportation system specifically enough to allow a determination of conformity.	7
18	The public involvement process is fully documented. If documented in the transportation plan rather than the plan's Conformity Determination Report, indicate the page number.	7
19	The MPO consulted with FDOT, FDEP, the local air quality program, transit providers, and local transportation agencies before adopting the transportation plan Conformity Determination Report. The date the public comment period began and the date the draft plan and CDR were provided to the public and agencies for review indicated.	7
20	The CDR documents whether significant changes were made in the conformity analysis after TAC review, indicates the purpose of the changes, the agencies consulted, the consultation process undertaken, and the outcome.	8
21	The report includes the MPO's written response to all significant (non-editorial) concerns of the state and local air quality agencies, whether such concerns were stated verbally or in writing.	8
22	The CDR explains how models to be used in the regional emissions analysis were evaluated and selected by the MPO through the consultation process.	8
23	If applicable, the MPO has documented that minor arterials and other transportation projects were determined through the consultation process to be regionally significant, and therefore subject to conformity analysis.	8
24	Projects were identified through the consultation process that	8

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	underwent a significant change in design concept and scope from the previous conforming transportation plan	
25	The CDR documents methodology and emissions reductions resulting from TCMs and TSMs in the plan; the CDR documents whether certain exempt projects were evaluated to determine if they should be treated as non-exempt because of potential adverse impacts on air quality, if applicable.	8
26	The CDR documents that all parties to the consultation process were notified by the MPO when revisions or amendments to the transportation plan and TIP added or deleted exempt projects, and the dates of such notification, as applicable.	8
27	The CDR documents that the EPA-approved emissions model was used, coordinated with FSUTMS and EMIS, and the use of other models was coordinated with FDOT, FHWA, DEP, and other parties	9
28	The sources of the most recent planning assumptions, derived from the estimates of current and future population, employment, travel, and congestion are documented.	10
29	The assumptions made about transit services and increases in transit fares, and road and bridge tolls over time are indicated.	10
30	All projects for each of the transportation plan's horizon years (including exempt projects) are listed in Appendix C of this report.	10
31	The report explains (as applicable) how the travel demand model VMT used as the basis for the 1990 base year emissions inventory has been adjusted to HPMS VMT and shows the results of the analysis.	10
32	Copies of the input files for the MOBILE model and the EMIS output files are included.	11
33	Projects exempt from the regional emissions analysis are highlighted in the project listings, or shown on a separate table.	11
34	Projects that have not completed a major step as defined in 40 CFR §51.394(c) are highlighted in the project listings, or shown on a separate table.	11
35	Off-model methodologies used to estimate emissions reductions from projects and programs not reflected in the transportation model are fully documented and each project or program is fully described.	11
36	The VMT from projects which are not regionally significant have been estimated in accordance with reasonable professional practice.	11

EXECUTIVE SUMMARY

This report documents the **conformity determination** of the Year 2030 Miami-Dade County Long Range Transportation Plan (LRTP) and the **conformity redetermination** for the FY 2005-2009 Transportation Improvement Program (TIP), a subset of the Year 2030 LRTP, in fulfillment of the requirements of the 1990 Federal Clean Air Act Amendments. This Conformity Determination Report (CDR) documents that implementation of projects listed in Appendix C, the Cost Feasible Plan Project Lists by Conformity Horizon Year, will contribute to emissions in the analysis years of:

- Year 2005 “Cost Feasible;”
- Year 2015 “Cost Feasible;”
- Year 2025 “Cost Feasible;” and
- Year 2030 “Cost Feasible.”

This report also establishes that as adopted the following:

- The TIP is a subset of the Year 2030 Long Range Transportation Plan.
- The LRTP is consistent with 23 CFR Part 450, Subpart C in that it is financially constrained.
- The contents of the LRTP meet the requirements of 40 CFR 93.106 governing the required content of transportation plans.
- The emissions from the implementation of the LRTP are consistent with the motor vehicle emissions budgets for the MPO as shown in the approved maintenance plan.
- The 2030 LRTP conforms to the purpose of the State Implementation Plan (SIP) by eliminating the number of violations of National Ambient Air Quality Standards (NAAQS) and achieving expeditious implementation of such standards.
- During the Maintenance Period, the emissions from the implementation of the LRTP are consistent with the motor vehicle emission budgets in the approved maintenance plan.
- Both the Year 2030 LRTP and its subset, the FY 2005-2009 TIP, air quality conformity determination were locally approved by the Miami Dade Metropolitan Planning Organization (MPO) Governing Board on November 18, 2004.
- The plan documents that the emissions budgets used in the conformity analysis are those contained in the SIP’s approved maintenance plan, and the conformity analysis meets the analysis requirements of 40 CFR 93.118.

Projected emissions were calculated using the travel demand model and Mobile6. The results of the air quality conformity analysis are summarized in the table below.

Table 1: Air Quality Conformity Analysis Results

Model Year	Model Alternative	Population	Employment	VOC* (2005 & 2015 Budget=74.60)	NOx* (2005 & 2015 Budget=127.5)
2000	Base Year	2,204,700	1,183,300	89.95	139.57
2005	Interim Cost Feasible	2,316,900	1,283,800	64.37	109.99
2015	Interim Cost Feasible	2,721,700	1,425,400	35.51	45.62
2025	Interim Cost Feasible	3,006,700	1,535,300	27.35	26.49
2030	Interim Cost Feasible	3,149,300	1,590,200	28.27	24.27

*All emissions are in tons per day

1.O INTRODUCTION

The Miami-Dade Long Range Transportation Plan must conform to the provisions of the Clean Air Act Amendment (CAAA) of 1990 in addition to being financially feasible. The United States Environmental Protection Agency (USEPA) designated Miami-Dade County as a moderate non-attainment area for national ozone standards. In 1995 the USEPA re-designated Miami-Dade County to attainment status, which means that for a twenty-year period, Miami-Dade County must demonstrate conformity to the maintenance plan through its Long Range Transportation Plan and Transportation Improvement Plan.

Effective in June, 2004, the EPA transitioned to the 8-hour ozone and fine particulate matter (PM_{2.5}) National Ambient Air Quality Standards (NAAQS) for transportation conformity. The new standard is based on averaging air quality measurements over 8-hour blocks of time for a three year periods, instead of the 1-hour time period mandated by the previous standard. The 8-hour standard is more representative of conditions occurring over a long-term exposure. As a maintenance area under the 1-hour rule, Miami-Dade County is subject to conformity for a statutory one-year grace period after being re-designated as attainment by the new standards (June, 2005 the end of the one-year period). The Air Quality analysis for the 2030 Plan is based on the new 8-hour NAAQS.

The highway and transit projects included in the air quality analysis are listed by priority in the LRTP Summary Document and by conformity horizon year (open-to-traffic year) in Appendix C of this report. Projected emissions were calculated using the travel demand model and Mobile6. The emissions calculated by the emission program (EMIS) are to be converted by a factor in order to be consistent with the highway statistics collected for the Highway Performance Monitoring System (HPMS). This HPMS factor is the ratio of the HPMS total vehicle miles traveled (VMT) to the VMT calculated for the same year by EMIS. The reported HPMS VMT value for Miami-Dade County for 2000 (validation year), adjusted to account for the peak ozone season (45,216,790), is

divided by the EMIS VMT (45,258,452) resulting in an adjustment factor of 0.999079. This factor is referred to as the EMISFAC and it is found in the PROFILE.MAS, the file used by the Florida Standard Urban Transportation Model Structure software to define Miami-Dade County specific model parameters.

2.0 CONFORMITY REQUIREMENTS

The Florida Department of Transportation (FDOT) has outlined thirty-six items to be addressed by this conformity determination report in order to fulfill the requirements of the Clean Air Act Amendments of 1990. This section provides a detailed response to each of the thirty-six items identified in the *District Review of Conformity Determinations* (Topic 525-010-014-g).¹

Item 1

The MPO certifies that the Year 2030 Long Range Transportation Plan and its subset, the FY 2005-2009 TIP, meet the criteria for air quality as set forth in the Clean Air Act Amendments of 1990.

Item 2

Emissions Reduction Summary Tables are included herein on page 18.

To illustrate the conformity determination, a brief synopsis of results are presented on page 4 for the Emission Budget Test and the Conformity of the Year 2030 Long Range Transportation Plan and its subset, the FY 2005-2009 TIP.

Item 3

This conformity determination documents that implementation of the projects listed in the Miami-Dade County Year 2030 LRTP and its subset, the FY 2005-2009 TIP, will contribute to emissions reductions when compared to the 1990 base year network, and that the same is true for each analysis or horizon year. The entire Southeast Florida airshed (Miami-Dade, Broward and Palm Beach Counties) has used 2000 as a common base year for coordination purposes. The horizon years were selected by the MPO through the consultation process while following all applicable state and federal guidelines.

Item 4

Furthermore, this report documents that the Year 2030 LRTP and its subset, the FY 2005-2009 TIP, are in conformance with the emissions budgets contained in the State Implementation Plan (SIP), the metropolitan planning regulation, and the requirements of the Clean Air Act Amendments (CAA) of 1990.

¹ Florida Department of Transportation, Office of Policy Planning (July 9, 1998) *District Review of Conformity Determinations*, FDOT: Tallahassee, FL (525-010-014-g).

Item 5

The Plan is consistent with 23 CFR Part 450, Subpart C in that it is financially constrained. Further detailed discussion of the financial constraints is offered in the Year 2030 LRTP document.

Item 6

The dates the MPO's Technical and Citizens' Advisory Committees (TPTAC and CAC, respectively) reviewed the conformity finding, and the date the MPO adopted the transportation plan and its Conformity Determination Report, are indicated below.

The Transportation Planning Council (TPC) membership includes the directors and representatives from: the transit operator (MDT), the Florida Department of Environmental Protection (FDEP), the Miami-Dade County Department of Environmental Resources Management (DERM), the Florida Department of Transportation (FDOT) District 6, the Florida Turnpike Enterprise, the Miami-Dade Expressway Authority (MDX), the Miami-Dade County Public Schools, and Miami-Dade County Departments of Public Works, Aviation, Seaport, Information Technology (ITD), and South Florida Regional Transportation Authority (SFRTA); plus, representatives from the most populous cities in the county (Miami, Hialeah, Miami Beach, North Miami, Miami Gardens) and the Dade League of Cities representing citizens from all municipalities.

The TPC was presented with preliminary Year 2030 LRTP documentation at its September 20, 2004 and October 12, 2004 meeting. At the November 8, 2004 meeting, the TPC approved the Year 2030 LRTP and its subset, the FY 2005-2009 TIP.

The Citizens Transportation Advisory Committee (CTAC) advises the MPO Governing Board and the Board of County Commissioners on achieving quality transportation facilities and programs for the citizens of Miami-Dade County. CTAC participated in the review and development of the Year 2030 LRTP starting at its March 23, 2004 meeting. CTAC hosted a series of public meetings with the Miami-Dade citizenry for the development of the 2030 LRTP as follows: July 20th (North and Northwest areas) – July 21st (Beach/CBD and West areas) – July 22nd (Central and South Areas), July 26th (Joseph Caleb Center).

Item 7

The contents of the transportation plan meet the requirements of 40 CFR 93.106 governing the required content of transportation plans.

Item 8

The emissions expected from the implementation of the transportation plan are consistent with the motor vehicle emission budgets for the MPO as shown in the approved maintenance plan; emissions for each horizon year are less than the 1990 base year inventory by any non-zero amount. No goals, directives or recommendations contained

within the adopted Year 2030 Long Range Transportation Plan will be in conflict with the goals and intent of the SIP. The Year 2030 LRTP will conform to the purpose of the SIP by eliminating the number of violations of National Ambient Air Quality Standards (NAAQS). Projects in the Year 2030 LRTP will contribute to the expeditious implementation of the NAAQS and will not cause or contribute to any new violation of any standard, increase the frequency or severity of any existing violations of any standards, or delay the timely attainment of any standards or any required interim emission reductions or other milestones in the area.

Item 9

On April 25, 1995, the U.S. Environmental Protection Agency (USEPA) redesignated the Southeast Florida Airshed (made up of Miami-Dade, Broward and Palm Beach Counties) from moderate non-attainment for the pollutant ozone to attainment status. The Florida Department of Environmental Protection (FDEP) submitted the redesignation request and maintenance plan for the Southeast Florida Airshed on November 8, 1993, as an amendment to the SIP. On December 20, 2002, the Florida Department of Environmental Protection (FDEP) submitted revisions to the State Implementation Plan (SIP) to the USEPA. The USEPA issued a final rule effective April 13, 2004, approving the revisions. The adjusted emissions budgets in the SIP for Miami-Dade are the caps used here to demonstrate conformity of the Year 2030 LRTP and its subset, the FY 2005-2009 TIP, with the requirements of the CAAA.

Item 10

The Year 2030 LRTP and its subset, the FY 2005-2009 TIP, will conform to the purpose of the SIP by eliminating the number of violations of National Ambient Air Quality Standards (NAAQS) and achieving expeditious implementation of such standards. Emissions resulting from the implementation of the Year 2030 Long Range Transportation Plan were compared to the emission budgets established by the redesignation request maintenance plan. Implementation of the Year 2030 LRTP and its subset, the FY 2005-2009 TIP, is estimated to result in emissions which fall below the emissions budget set for the analysis years of 2005, 2015, 2025, and 2030. During the Maintenance Period, the emissions expected from the implementation of the long-range plan are consistent with the motor vehicle emission budgets in the approved maintenance plan (51.428 and 51.430).

Item 11

Even though there are no required Transportation Control Measures (TCMs) in the Florida SIP, voluntary TCM strategies are recommended. No off-model air quality emission benefits are claimed as part of this Air Quality Conformity Determination Report.

While no CMAQ projects are TCMs, the long-range plan identified some TCM-type strategies, programs or projects. These TCMs are intended to reduce single occupant vehicles (SOV), reduce traffic congestion and increase transit usage and the use of high occupancy vehicles (HOVs). Existing TCM activities include: Metrobus (72 routes), Metrorail (21 miles), Metromover (1.9 miles), Park-and-Ride and HOV Parking Lots,

Exclusive Bus and Carpool Lanes, Miami-Dade Traffic Control System, Bikeways, Transportation System Management (TSM), Intelligent Transportation System (ITS), Incident Management, and Transportation Demand Management activities (TDM).

Item 12

Federal Conformity findings on the FY 2005-2009 TIP and re-determination of conformity of the Year 2025 LRTP Conformity (previous Plan), by FHWA/FTA were approved September 30, 2004. The approval letter from FHWA/FTA is in Appendix J.

The US Environmental Protection Agency (USEPA) recommended to FHWA/FTA approval of the Miami-Dade County's program in a letter dated August 11, 2004. Florida's Secretary of Transportation, on letter dated August 31, 2004, submitted the State TIP to FHWA for review and approval. These letters are included in appendices J and K, respectively, of this report

Item 13

FDOT District 6 and FHWA Florida Division Office provided comments and input which have been incorporated to this report. No other significant concerns were received by the MPO from outside parties, state or local air quality agencies. These comments can be found in Appendix Q of this report.

Item 14

Relevant interagency and/or interlocal agreements necessary to implement the conformity process and the parties to the agreements and the dates executed are cited as follows:

Memorandum of Agreement (MOA)

At its June 2, 1998 meeting, the MPO Governing Board passed Resolution # 13-98 approving an amendment to the MOA. The County Manager executed the MOA by signing, on behalf on the MPO, the local air agency (DERM) and the local transit operator (MDT), on June 6, 1998. Previously, the Metropolitan Planning Organization for the Miami Urbanized Area had approved, on September 22, 1994, a Memorandum of Agreement (MOA) implementing the conformity criteria and consultation procedures revision to the Florida State Implementation Plan (SIP) pursuant to the Clean Air Act Amendments of 1990. This MOA was amended to reflect revisions published by the United States Environmental Protection Agency (EPA) on November 15, 1995. The MPO Governing Board approved the proposed amendment by MPO Resolution #46-96 of July 11, 1996.

Item 15

Data collection, analysis, and development of the Year 2030 LRTP and its subset, the FY 2005-2009 TIP, was coordinated with the other MPOs in the same airshed, and the interagency consultation process was implemented to ensure consistency between emissions and conformity analyses. Once the consultant team was on-board, and the scope of services established, the Broward County LRTP Project Manager was invited to participate in the selection committee, and data was exchanged between the counties to

ensure that roadway and transit projects were in sync across the county line. Similarly, concepts, methods and results were exchanged, as the respective plans were developed.

Both the Broward County MPO and Palm Beach County MPO were consulted throughout the process through the Inter-MPO for Air Quality (IMAQ) Subcommittee Meetings. These regularly scheduled meetings allowed for consultation and coordination between the MPOs within the Southeast Florida Airshed. A teleconference meeting of the Air Quality Interagency Consultation Partners was held on September 24, 2004. At this meeting Air Quality results for the Year 2030 LRTP and its subset, the FY 2005-2009 TIP, were discussed.

Item 16

The plan documents that the emissions budgets used in the conformity analysis are those contained in the SIP's approved maintenance plan, and the conformity analysis meets the analysis requirements of 40 CFR 93.118.

Item 17

The long-range plan describes the future transportation system specifically enough to allow a determination of conformity.

The 2030 LRTP Summary Document report contains the plan's project priority listings (pages 22 through 37). The lists in Appendix C of this report contain the projects in the Cost Feasible Plan, listed by conformity horizon year. The map in Appendix D of this report visually displays the projects' general geographic location and depicts highway and transit improvements included in the Year 2030 Cost Feasible Plan

Item 18

The public involvement process is fully documented in Section 3.0 of this document (pages 12 through 17), including a listing of all public involvement activities undertaken throughout the Plan development process.

Item 19

The MPO consulted with FDOT, FDEP, the local air quality program, transit providers, and local transportation agencies before adopting the transportation plan Conformity Determination Report.

A teleconference meeting of the Air Quality Interagency Consultation Partners was held on September 24, 2004. The MPO was not available to participate in the teleconference, however communication and coordination with air agencies occurred after the teleconference via e-mail. At this meeting Air Quality results for the Year 2030 LRTP and its subset, the FY 2005-2009 TIP, were discussed.

Membership of the Air Quality Interagency Consultation partners include EPA Region IV (Atlanta), FHWA Florida Division Office, FTA Region IV (Atlanta), FDEP Central and Regional Offices, FDOT Central Office, FDOT Districts 4, and 6, the MPOs in

Broward, Palm Beach and Miami-Dade and their respective local air agencies and local transit providers.

Item 20

The CDR was approved on November 18, 2004 by the MPO Board with the exception of two projects (SW 137th Ave. from SW 184th St. to US-1 and SW 137th Ave. from US-1 to HEFT – new 4 lane/2 to 4 lanes) and the conformity analysis was rerun to reflect this change. No other significant changes were made between the TAC review on November 8, 2004 and the MPO approval on November 18, 2004.

Item 21

No significant concerns were received by the MPO from other outside parties, and no major concerns needed to be addressed verbally or in writing to any significant (non-editorial) concerns of any other state and local air quality agencies.

Item 22

No regional model was used for emissions analysis. Each County within the Southeast Florida Airshed used their own urban model for emission analysis.

Item 23

The MPO through the consultation process with Broward and Palm Beach Counties and FDOT Districts 4 and 6 and the South Florida Regional Transportation Authority has coordinated to identify a number of corridors of regional significance included as part of the Regional chapter of the 2030 plan.

Item 24

No projects identified through the consultation process have undergone a significant change in design concept and scope from the Year 2025 LRTP, which is the previous conforming transportation plan and its subset, the FY 2002-2006 TIP.

Item 25

No particular methodologies, such as off-model techniques to determine emission reduction benefits from Transportation Control Measures (TCM) or Transportation Systems Management (TSM), were used as part of this Plan Update. No emission benefits or emission reductions resulting from implementation of TCMs or TSMs in the plan are claimed. No particular exempt project was evaluated to determine if they should be treated as non-exempt because of potential adverse impacts on air quality.

Item 26

All parties to the consultation process were notified by the MPO when revisions or amendments to the transportation plan added or deleted exempt projects, and the dates of such notification.

The 2030 LRTP was approved by the MPO at its meeting of November 18th, 2004. The previous plan, the 2025 LRTP, was originally adopted at the December 6, 2001 the MPO Governing Board Meeting. The previous 2025 Plan was amended as follows:

- ✓ October 24, 2002 by MPO Resolution to advance the North Dade Transit Corridor to Priority I.
- ✓ February 6, 2003 by MPO Resolution to advance East-West Multimodal Corridor to Priority I from Priority IV Unfunded.
- ✓ March 13, 2003 by MPO Resolution for US-1/Dixie Highway Premium Transit Corridor for purposes of preparation of preliminary studies only. Project construction remains in Priority IV Unfunded.
- ✓ April 24, 2003 by MPO Resolution advancing to Priority I (from Priority IV) the widening (from 2 to 4 lanes) of SW 56 Street from SW 158 Avenue to SW 152 Avenue. In addition the amendment approved the future widening of SW 56 Street west of 164 Avenue to be funded by Developer.
- ✓ October 23, 2003 by MPO resolution, a series of amendments requested by Public Works Department were approved as follows: removal from plan of the project NW 170 St widening from 2 to 4 lanes (from NW 87 to NW 77 Av); adding traffic calming measures South Miami Avenue (from SW 25 Rd. to SW 15 Rd); lane reduction (from 5 to 2 lanes) for SW 62 Ave from SW 70 to SW 64 St; widening SW 160 Street from 2 to 4 lanes (from SW 147 to W 137 Ave); adding a new 4-lane bridge at NW 138 Street over Miami Canal.

No other amendments to the 2025 LRTP (the previous plan) were made. Amendments made to the previous 2025 LRTP were all advertised as public hearings before being adopted by the MPO Governing Board.

Item 27

The EPA-approved emissions model was used, coordinated with FSUTMS and EMIS. The use of MOBILE6 was coordinated with FDOT, FHWA, FDEP, and other regional and local parties.

Projected emissions were calculated using the travel demand model and Mobile6. The emissions calculated by the EMIS program are to be converted by a factor in order to be consistent with the highway statistics collected for the Highway Performance Monitoring System (HPMS). This HPMS factor is the ratio of the HPMS total vehicle miles traveled (VMT) to the VMT calculated for the same year by EMIS. The reported HPMS VMT value for Miami-Dade County for 2000 (validation year), adjusted to account for the peak ozone season (45,216,790), is divided by the EMIS VMT (45,258,452) resulting in an adjustment factor of 0.999079. This factor is referred to as the EMISFAC and it is found in the PROFILE.MAS.

Item 28

The Year 2030 LRTP documents that the most recent planning assumptions, derived from the estimates of current and future population, employment, travel, and congestion were used in its development.

The Miami-Dade County Planning Department developed the socioeconomic data for the Year 2030 LRTP and its subset, the FY 2005-2009 TIP. This data included population, employment, school enrollment, and other data for the base year 2000 and the horizon year 2030. This data serves as input into the travel demand model and is used to forecast future travel demand and future congestion.

The Florida Standard Urban Transportation Model Structure (FSUTMS), the travel demand model supported by the Florida Department of Transportation and used by MPOs and transportation agencies throughout the State of Florida, is the travel demand model used for the Miami-Dade Transportation Planning Model (MTPM). The model used for this 2030 plan update utilizes a “lifestyle” based trip production model and double-digit facility type and area type coding (first used for the 2025 update). Data collected from the Southeast Florida Regional Travel Characteristics Study have been incorporated into the model to facilitate these enhancements. The model was validated to 2000 base conditions and used to predict future year travel and congestion.

Item 29

There were no changes in the assumptions made about transit services and increases in transit fares, and road and bridge tolls.

Item 30

All projects included in the Plan are listed in separate tables for each air quality conformity horizon year in Appendix C. Appendix D depicts highway and transit improvements that will be open to traffic by the year 2030, including projects funded in the 2005 TIP.

Item 31

Projected emissions were calculated using the travel demand model and Mobile6.

Compliance with VMT FACTOR: The emissions calculated by the EMIS program are to be converted by a factor in order to be consistent with the highway statistics collected for the Highway Performance Monitoring System (HPMS). This HPMS factor is the ratio of the HPMS total vehicle miles traveled (VMT) to the VMT calculated for the same year by EMIS.

The reported HPMS VMT value for Miami-Dade County for 2000 (validation year), adjusted to account for the peak ozone season (45,216,790), is divided by the EMIS VMT (45,258,452) resulting in an adjustment factor of 0.9990794. This factor is referred to as the EMISFAC and it is found in the PROFILE.MAS

$$\begin{aligned} \text{VMT Factor} &= \frac{\text{HPMS VMT}}{\text{EMIS VMT}} = \frac{45,216,790}{45,258,452} = 0.9990794 \\ & \\ \end{aligned}$$

The Highway Performance Monitoring Systems (HPMS) VMT data is required to be used for estimating all emission values (40 CFR §51.452 (b) (2)).

Item 32

Copies of the input files for the MOBILE model and the EMIS output files are included in appendices E through H of this report.

Item 33

There are no projects exempt from the regional emissions analysis included as part of this Year 2030 LRTP Update.

Item 34

There are no projects that have not completed a major step as defined in 40 CFR §51.394(c) highlighted in the project listings, or shown on a separate table.

§51.394 Applicability (B) During the transitional, control strategy, and maintenance periods, the applicable implementation plan (or implementation plan submission) established a budget for such emissions as part of reasonable further progress, attainment or maintenance strategy.

(c) Limitations: (1) Projects subject to this regulation for which NEPA process and a conformity determination have been completed by FHWA or FTA may proceed toward implementation without further conformity determinations if one of the following major steps has occurred within the past three years: NEPA process completion; start of final design; acquisition of a significant portion of the right-of-way; or approval of the plans, specifications and estimates. All phases of such projects which were considered in the conformity determination are also included, if those phases were for the purpose of funding, final design, right-of-way acquisition, construction, or any combination of these phases.

Item 35

EPA-approved emissions estimating model MOBILE6 was used.

The emissions calculated by the EMIS program are to be converted by a factor in order to be consistent with the highway statistics collected for the Highway Performance Monitoring System (HPMS). This HPMS factor is the ratio of the HPMS total vehicle miles traveled (VMT) to the VMT calculated for the same year by EMIS. The reported HPMS VMT value for Miami-Dade County for 2000 (validation year), adjusted to account for the peak ozone season (45,216,790), is divided by the EMIS VMT (45,258,452) resulting in an adjustment factor of 0.999079. This factor is referred to as the EMISFAC and it is found in the PROFILE.MAS.

Item 36

The VMT from projects which are not regionally significant have been estimated in accordance with reasonable professional practice.

3.0 PUBLIC INVOLVEMENT

Public involvement is an important aspect of all transportation planning projects. Prior to the Long Range Transportation Plan (LRTP) approval, MPOs must provide citizens, affected public agencies, representatives of transportation agency employees, freight shippers, providers of freight transportation services, private providers of transportation, representatives of users of public transit and other interested parties with an opportunity to comment on the LRTP, as required by federal requirements.

The Miami-Dade MPO was committed to assure that opportunities for public involvement were available throughout the duration of the project for other public agencies, stakeholders, property owners, business interests, community groups, environmental agencies and the general public. The Miami-Dade MPO offered open, frequent, and effective public participation activities throughout the project. The input obtained from the public was considered during the development of the 2030 Plan Update.

In December 2003, the *Long Range Transportation Plan Update (to the Year 2030) Public Involvement Plan & Program* was developed as a project specific Public Involvement Program (PIP) to complement the MPO Public Involvement Program. The project PIP identifies the mechanisms that were available to interested individuals and groups to participate in the planning process of the 2030 Plan. The project PIP also identifies the methods of project coordination that were employed, business and community groups, public organizations, elected and appointed officials and agencies having jurisdictional responsibilities over planning and transportation issues. Public Involvement goals were developed to guide the consensus building process.

Goal 1: **Provide sufficient opportunities of various types for stakeholders to participate in the project and provide input.**

Objectives: Facilitate an active role for citizens in the planning process at key decision points throughout the study period. Minimize misinformation through accurate and two-way public communication and active listening.
Strive for consensus on project decisions, products, and recommendations.

Goal 2: **Promote effective intergovernmental coordination.**

Objectives: Identify and provide information linkages to crucial community interests.
Build credibility and support for the study process and foster an attitude of cooperation.

Inform project participants in order to provide a working knowledge of transportation, land use, and community development concepts.

Goal 3: Present public information in a clear, concise, and understandable format.

- Objectives:**
- Minimize the use of technical jargon in public informational materials and presentations.
 - Encourage the use of effective graphics to illustrate project concepts.
 - Provide opportunities for one-on-one discussions with knowledgeable project personnel to answer specific questions about the project and address community concerns.

The following direct communication techniques were employed to notify the public about the 2030 Plan, to inform the public about the current status of the project and future activities and to solicit public input during the study.

Internet Addresses

The MPO maintained and published an internet address at <www.miamidade.gov/mpo> used by the public to transmit questions and comments concerning the Plan Update to the project team. All comments were documented.

Countywide Mailing List

The MPO maintained a permanent mailing list of all elected officials, MPO committee members, federal, state, and local agencies, community groups, and individuals interested in long-range transportation planning issues in Miami-Dade County. This mailing list was used as a basis for the dissemination of projects brochures, special notifications, and other messages that are appropriate for this group.

Citizens Transportation Advisory Committee (CTAC) Meetings

MPO staff presented information about the July 2004 LRTP Public Workshops to the CTAC at the May 26, 2004 meeting.

Transportation Planning Council (TPC) Meetings

Three presentations were made to the TPC during key points in the study process and included the following:

- April 2004 – Travel Demand Model
- September 2004 – Cost Feasible Plan information item
- October 2004 – Cost Feasible Plan approval

All comments provided by the TPC concerning the 2030 Plan Update were documented.

Newspaper Advertisements

Under Florida law, all public meetings and workshops must be advertised in a newspaper of general circulation so that the public has an opportunity to attend such meetings.

These advertisements were used to announce the date, time, and location of area-specific public meetings. Special efforts were made to make the announcement in local publications such as the *Miami Herald*, *El Nuevo Herald* and *En Marche*, with high levels of readership in the respective study area.

News Releases to Local Media

A press release was prepared and sent to the local media requesting citizen participation in the future of Miami-Dade County's transportation system by attending the Long Range Transportation Plan Workshops held in July 2004. The date, time and location of the workshops were provided.

Radio and Television Shows

Community involvement in the LRTP process was discussed during radio and TV shows. The MPO produced a radio show with the Haitian AM station, WRHB Radio Carnivale on February 7th, 2004. This broadcast was taped live and was translated from English to Creole. The show began with a brief introduction on the role of the MPO and discussed how the Haitian community can become involved in the LRTP process.

The MPO taped a television program that aired on the Haitian Television Network (HTN) on February 8th, 2004. The program was taped in English and translated to Creole to provide transportation information to the Haitian community. The broadcast featured an introduction on the MPO and how the community could become involved in the LRTP process. In addition, Phillip Brutus interviewed MPO project managers on transportation issues affecting the Haitian community.

Multi-lingual written materials, project brochures, and graphic displays

Written materials and graphic displays with easy-to-understand text, maps, photographs, and other media were used to convey technical information in clear terms to the general public concerning the project. Large-size, colorful graphics, and maps were used during public meetings to facilitate the public's understanding of the 2030 Plan its issues.

Brochures were developed at key points in the project including at the project start, prior to the public workshops and after the adoption. The first brochure explained the purpose and importance of the Long Range Transportation Plan Update, and how to get involved. This brochure was produced in English, Spanish and Creole.

The second brochure explained the future socio-economic (population and employment) conditions that are expected in the Year 2030, Miami-Dade County's associated travel needs within the 21-year horizon, and the potential opportunities to improve the County's highway and public transportation system to meet those needs. This was a countywide brochure produced in English, Spanish, and Creole.

Individual planning area brochures were produced for the six planning areas including: North, Northwest, Beach/CBD, Central, West and South in conjunction with the countywide brochure for the public workshops. These brochures were produced in English and Spanish.

The third brochure will summarize the findings of the study process and will identify the final recommendations for the 2030 Plan. This brochure will be used after the 2030 Plan is adopted to document the final plan development process. This brochure will be produced in English and Spanish and may be used as an insert for the *Miami Herald* and *El Nuevo Herald* newspapers.

Environmental Justice

The Transportation Equity Act for the Twenty-first Century (TEA-21) defines the traditionally underserved as "...including, but not limited to, low-income and minority households." Special outreach efforts were made to the traditionally underserved population groups by holding community workshops throughout Miami-Dade in locations convenient to these individuals. These special efforts were attempted to encourage participation and input including minorities, senior citizens, low income, non-English speaking, and illiterate.

Community Workshops

A series of community workshops were held in the summer of 2004 at the time when the Plan's goals, objectives, and policies, and the technical information concerning the future travel needs were available for discussion by the public. Project staff from the consultant team and the MPO staff were available to explain the 2030 Plan, its issues and implications as well as answer questions from attendees. Homeowner Associations were contacted to attend the workshops. All public comments were documented. The workshops were held as follows:

- July 20, 2004 -North Dade Regional Library
- July 20, 2004 -Miami Lakes Library
- July 21, 2004 -Miami Beach City Hall
- July 21, 2004 -West Kendall Regional Library
- July 22, 2004 -South Miami City Hall
- July 22, 2004 -Homestead City Hall
- July 26, 2004 -Joseph Caleb Center

MPO Public Hearing

Near the end of the 2030 Plan development process, a public hearing was held at a regularly scheduled MPO Governing Board meeting to meet the federal and state transportation planning requirements. This public hearing was advertised and the 2030 Plan documents will be available for inspection by the public. The public hearing for the 2030 Plan Update adoption was held at the November 18, 2004 MPO Governing Board meeting.

Additional Activities

The MPO has researched and developed several additional activities to increase public participation in the Plan Update. These innovative activities include presenting the information to locations where people gather and distributing information through new channels. These proposed additional activities included the following:

- **Cultural Events** - The MPO coordinated bi-monthly public outreach events with some taking place at local cultural events. During these events, the MPO provided information on the development of the 2030 Plan to the public.
- **2030 LRTP Update Website** - The MPO dedicated a section of their website <www.miamidade.gov/mpo> exclusively for the 2030 Plan that provided both written and visual information. The 2030 Plan section contained up-to-date progress of the project including meeting agendas, meeting summaries, and maps. The public was able to provide comments on the 2030 Plan to the MPO through this portal.
- **Miami-Dade County Library** - The countywide brochure was distributed throughout the Miami- Dade County Library system.
- **Interactive Town Hall Meeting** - The CTAC hosted a Town Hall Meeting in the County Commission Chambers that allowed the general public to comment via e-mail, fax, telephone, or in person in March 2004. Project staff was available to answer questions. This meeting was held in conjunction with the public comment period on the draft Transportation Improvement Program (TIP).
- **MPO Newsletters** - The countywide brochure was turned into a newsletter and mailed to over 2000 entities. In addition, the Spring 2005 Newsletter will focus exclusively on the outcome of activities associated with the LRTP cycle.
- **Accommodations for the Disabled** - The MPO encouraged participation in the 2030 Plan by disabled individuals by providing special accommodations. All public workshops and the public hearings were held in buildings that are physically accessible to the disabled. All meeting announcements included information directing any disabled individuals that need special accommodation to participate in the public meetings to call the MPO Office for assistance.

Table 2 shows a list of community outreach events sponsored by the MPO through the development of the 2030 LRTP.

Table 2: Public Involvement Activities Associated with the Year 2030 LRTP

Community Outreach Events				
Event Name	Address	City	State	Date of Event
Commissioner Moss' Park Dedication	SW 164 Street and SW 157 Avenue	Miami	FL	6/7/2003
Ludlam Trail Event		South Miami	FL	8/9/2003
WQBA Palmetto Station Remote		Miami	FL	9/4/2003
Orange Ribbon Day		Miami Beach	FL	10/14/2003
Transportation Conference 2003	400 SE 2nd Avenue	Miami	FL	11/8/2003
Miami Lakes Bike Radio		Miami Lakes	FL	11/8/2003
Bike and Ride Day		Miami	FL	11/14/2003
District 6 Annual Holiday Toy Drive and Party	351 SW 4 Street	Miami	FL	12/6/2003
Delcalzi vs. Brown	7400 NW 75 Street	Medley	FL	12/8/2003
Commissioner Moss's Open House	111 NW First Street	Miami	FL	12/20/2003
Project ANA		Coral Gables	FL	1/22/2004
SIS Public Workshop		Miami	FL	1/23/2004
MDPD Animal Services Unit		Miami	FL	2/21/2004
South Dade Immigrant Rights Fair		Florida City	FL	2/28/2004
Directors Meeting		Miami	FL	3/17/2004
The Department of Human Services Directors Meeting	2340 SW 32nd Avenue	Miami	FL	3/17/2004
Barry University Commuters Services Open House		Miami Shores	FL	3/18/2004
Barry University Commuter Services Open House		Miami Shores	FL	3/19/2004
Mickosoukee Indian Tribe Health Fair		Mickosoukee Reservation	FL	3/24/2004
Coral Gables Methodist Church Silver Club	536 Coral Way	Coral Gables	FL	3/25/2004
Miami Beach Fitness Festival		Miami Beach	FL	3/27/2004
Directors Meeting for Department of Human Services	1701 NW 30th Avenue	Miami	FL	4/2/2004
St. Brendan High School Career Day		Miami	FL	4/2/2004
8th Annual Miami Riverday		Miami	FL	4/10/2004
Orientation Resource/Club Fairs		Miami	FL	4/13/2004
FIU Earth Day	FIU Preserve	Miami	FL	4/14/2004
Neighborhood P.R.I.D.E. Week		Miami	FL	4/24/2004
Men's Health Fair	16900 SW 100th Avenue	Perrine	FL	6/19/2004
Commissioner Rebeca Sosa's Community Outreach Even	901 east 10 Avenue	Hialeah	FL	7/8/2004

Community Outreach Events				
Event Name	Address	City	State	Date of Event
The Shops at Sunset Mall	5701 Sunset Drive	South Miami	FL	7/13/2004
Head Start Annual Training Conference	400 SE 2 Avenue	Miami	FL	8/9/2004
Florida City/ Homestead Neighborhood Service Cente	1600 NW 6 Court	Florida City	FL	8/24/2004
Jackson Memorial Hospital	1611 NW 12 Avenue	Miami	FL	8/27/2004
Community Council Area 12	9101 SW 97th Avenue	Miami	FL	9/15/2004

4.0 STATEMENT OF CONFORMITY

Emissions resulting from the implementation of the Year 2030 Long Range Transportation Plan were compared to the emission budgets established by the designation request maintenance plan. **Table 3** illustrates that implementation of the Year 2030 LRTP and its subset, the FY 2005-2009 TIP, is estimated to result in emissions which fall below the emissions budget set for the analysis years of 2005, 2015, 2025 and 2030. During the Maintenance Period, the emissions expected from the implementation of the long-range plan are consistent with the motor vehicle emission budgets in the approved maintenance plan (§51.428 and §51.430).

To establish conformity, the MPO has followed the Florida Department of Transportation, Topic No. 525-010-014-g of July 9, 1998 and titled "District Review of Conformity". This procedure supplements USEPA's transportation conformity regulation (40 CFR Part 51) and was prepared by the FDOT Office of Policy Planning. The FDOT Directive addresses the transportation and air quality planning methodology to be employed by the State's urban areas using the Florida Standard Urban Transportation Model Structure (FSUTMS) and the Mobile Emissions Series Models to assess the status of air quality compliance efforts.

Table 3: Cost Feasible Plan Emissions Reduction Summary

Parameter	2005 & 2015		2005	2015	2025	2030
	1990	Emission Budget ¹				
Population	1,937,800	---	2,316,900	2,721,700	3,006,700	3,149,300
VMT	34,349,104 ²	---	49,912,500 ²	57,367,700 ²	64,664,200 ²	68,639,800 ²
NOx (tons per day)	117.70 ¹	127.50	109.99 ²	45.62 ²	26.49 ²	24.27 ²
VOC (tons per day)	156.60 ¹	74.60	64.37 ²	35.51 ²	27.35 ²	28.27 ²

¹Source: Approved Air Quality Maintenance Plan (2005-2015) – Dade, Broward, and Palm Beach counties

²Source: EMIS.OUT

APPENDIX A

LIST OF ACRONYMS

LIST OF ACRONYMS

CAA	Clean Air Act Amendments
CAC	Citizens Advisory Committee
CDR	Conformity Determination Report
CTAC	Citizens Transportation Advisory Committee
DERM	Department of Environmental Resources Management
EPA	Environmental Protection Agency
FDEP	Florida Department of Environmental Protection
FDOT	Florida Department of Transportation
FHWA	Federal Highway Administration
FSUTMS	Florida Standard Urban Transportation Model Structure
FTA	Federal Transit Administration
HBW	Home Based Work
HOV	High Occupancy Vehicles
HPMS	Highway Performance Monitoring System
ICS	Intelligent Corridor System
ITD	Information Technology Department
LRTA	Long Range Transportation Plan
MDT	Miami-Dade Transit
MDX	Miami-Dade Expressway Authority
MOA	Memorandum of Agreement
MPO	Metropolitan Planning Organization
NAAQS	National Ambient Air Quality Standards
NOx	Nitrogen Oxides
SIP	State Implementation Plan
SOV	Single Occupant Vehicle
TCM	Transportation Control Measures
TDM	Transportation Demand Management
TIP	Transportation Improvement Program
TPC	Transportation Planning Council
TPTAC	Transportation Planning Technical Advisory Committee
TSM	Transportation System Management
VHT	Vehicle Hours Traveled
VMT	Vehicle Miles Traveled
VOC	Volatile Organic Compound

APPENDIX B

SELECTED MODEL SUMMARIES

FSUTMS HEVAL / Mobile6 EMIS Emission Results Summary

Parameter	Year				
	2030	2025	2015	2005	2000
Vehicle-Miles-of-Travel ¹	68,639,800	64,664,200	57,367,700	49,912,500	45,100,700
Vehicle-Hours-of-Travel ¹	4,214,800	3,583,900	2,800,600	2,440,400	2,043,200
Vehicle-Hours Delay due to Congestion ²	2,263,400	1,740,400	1,155,200	1,008,700	741,100
Volume-to-Capacity Ratio (systemwide) ²	0.99	0.94	0.88	0.84	0.79
Average Speed ¹	16.49	18.04	20.48	20.45	22.02
Home-based Work Mode Split (percent transit) ³	4.73%	4.73%	4.54%	4.45%	4.26%
Total Non-work Mode Split (percent transit) ³	2.01%	2.01%	1.91%	1.82%	1.66%
Home-based Work Auto “Drive Alone” Trips ³	2,115,500	2,021,300	1,833,600	1,600,300	1,488,600
Total Non-work Auto “Drive Alone” Trips ³	3,751,700	3,572,500	3,207,100	2,745,400	2,560,300
Total VOC ¹ (2005 & 2015 budget = 74.60 tons)	28.27	27.35	35.51	64.37	89.95
Total NOx ¹ (2005 & 2015 budget = 127.50 tons)	24.27	26.49	45.62	109.99	139.57

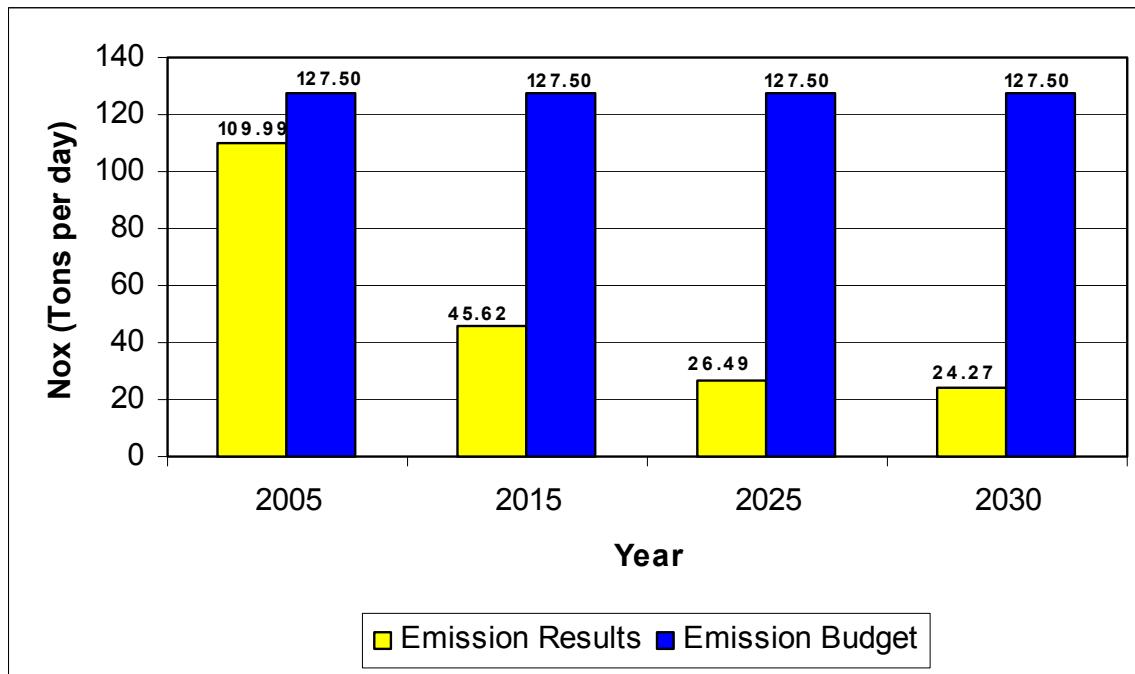
Sources:

¹ EMIS.OUT

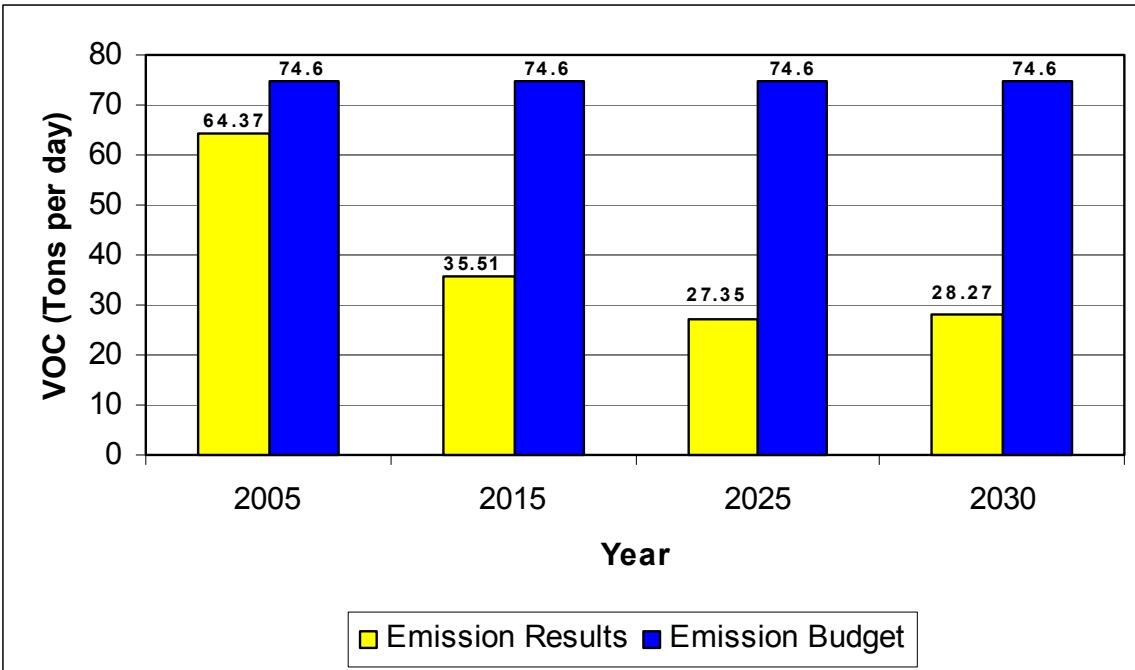
² HEVAL.OUT

³ MODE.OUT

Cost Feasible Plan NOx Emissions Reductions Summary



Cost Feasible Plan VOC Emissions Reductions Summary



APPENDIX C

YEAR 2030 LRTP PROJECT LISTS

YEAR 2030 TRANSPORTATION PLAN
COST FEASIBLE PLAN - HIGHWAY AND TRANSIT PROJECTS
2005 PROJECTS

Project ID	In 2025 LRTP	Planning Area	Project or Facility	Limits		Project Description	Exempt Projects (E)
				From	To		
328		CENTRAL	SW 62 Ave.	SW 70 St.	SW 64 St.	5 TO 2 LANES	
129		NORTHWEST	SR 860 / MIAMI GARDENS DR.	W OF NW 87 AVE	E OF NW 87 AVE	INTERSECTION IMPROVEMENTS	
395		NORTHWEST	NW 138 ST BRIDGE			BRIDGE OVER MIAMI RIVER CANAL AT 138 ST	
152		SOUTH	SW 117 AVE	SW 184 St.	SW 152 ST	2 TO 4 LANES	
427		SOUTH	SW 160 ST	SW 147 AVE	SW 137 AVE	NEW 4 LANES	
471		SOUTH	ACCESS TO COUNTRY WALK			EXTENSION OF SW 143 TERR. FROM RR TO SW 136 ST	
155		WEST	SW 26 ST	SW 149 AVE	SW 147 AVE	2 TO 4 LANES	

* PROJECT INCLUDED IN PREVIOUSLY APPROVED 2025 LRTP

YEAR 2030 TRANSPORTATION PLAN
COST FEASIBLE PLAN - HIGHWAY AND TRANSIT PROJECTS
2015 PROJECTS

Project ID	In 2025 LRTP	Planning Area	Project or Facility	Limits		Project Description	Exempt Projects (E)
				From	To		
340	*	COUNTYWIDE	SUNPASS SYSTEM ENHANCEMENT				E
203	*	COUNTYWIDE	GREENWAYS/TRAILS				E
204		COUNTYWIDE	EXISTING PUBLIC WORKS FACILITIES O&M				E
205		COUNTYWIDE	EXISTING TRANSIT SYSTEM O&M				E
206		COUNTYWIDE	MIC LOAN REPAYMENT			MIC	E
207		COUNTYWIDE	PUBLIC WORKS PTP PROJECTS O&M				E
338	*	COUNTYWIDE	BUS PURCHASES AND NEW BUS SERVICE			REPLACEMENT BUSES AND NEW SERVICE	E
336		COUNTYWIDE	ADV TRAFFIC MANAGEMENT SYSTEMS / SIGNAL UPGRADE			TRAFFIC SIGNAL SYSTEM UPGRADE	E
339	*	COUNTYWIDE	PARK AND RIDE LOTS				E
100		BEACH/CBD	SR 836 EB TOLL PLAZA	NW 27 Ave.	NW 17 AVE	NEW TOLL PLAZA ON EB RAMP TO NW 17 AVE	
495		BEACH/CBD	SR 836	NW 14 ST	NW 28 ST	DESIGN & CONSTRUCTION: CD ROADS / ACQUISITION: ROW	
101	*	BEACH/CBD	SW 1ST AVE	SW 8TH ST	SW 1ST ST	4-LANE TUNNEL UNDER RIVER	
306	*	BEACH / CBD	MIAMI BEACH TRANSIT HUB			17 ST LINCOLN RD / WASHINGTON AVE	
302	*	BEACH / CBD	MIAMI GARDENS DR	NE 6 AVE	US-1	4 TO 6 LANES	
305		BEACH / CBD	SR 836 / I-395	EAST OF I-95	MACARTHUR CSWY	MODIFY INTERCHANGE - IMPROVEMENTS	
315		BEACH / CBD, NORTH	I-95	GOLDEN GLADES INTERCHANGE	IVES DAIRY RD	ADD REVERSIBLE MANAGED LANES	
317	*	BEACH/CBD	FLAGLER MARKETPLACE PASSENGER ACTIVITY CENTER			FLAGLER ST AND 1ST AVE	E
318		BEACH/CBD	I-95	SOUTH OF I-395	NORTH OF SR 112	ADD REVERSIBLE MANAGED LANES	
505		BEACH/CBD	I-95 / IVES DAIRY RD INTERCHANGE			INTERCHANGE IMPROVEMENTS	
559		BEACH/CBD	NE 5 AND 6 ST IMPROVEMENTS PHASE II	NE 5 AND 6 ST	NE 1 AND 2 AVE		
510		BEACH/CBD	SR A1A / COLLINS AVE / ALTON RD CORRIDOR	5 ST	LEHMAN CAUSEWAY	ITS (INCLUDES CCTV, ROADWAY SENSORS, ARTERIAL DYNAMIC MESSAGE SIGNS, WIRELESS COMM)	E
522		BEACH/CBD, NORTH	NW/NE 167 ST / MIAMI GARDENS DR CORRIDOR	I-95	US-1	ITS (INCLUDES CCTV, ROADWAY SENSORS, ARTERIAL DYNAMIC MESSAGE SIGNS, WIRELESS COMM)	E
509		BEACH/CBD, NORTH	US 441 / NW 17 AVE / 27 AVE CORRIDOR	US-1	BROWARD CO LINE	ITS (INCLUDES CCTV, ROADWAY SENSORS, ARTERIAL DYNAMIC MESSAGE SIGNS, WIRELESS COMM)	E
512		BEACH/CBD, CENTRAL	CORAL WAY / BIRD RD CORRIDOR	SW 132 AVE	US-1	ITS (INCLUDES CCTV, ROADWAY SENSORS, ARTERIAL DYNAMIC MESSAGE SIGNS, WIRELESS COMM)	E
508		BEACH/CBD, CENTRAL, WEST	TAMiami TRAIL / W FLAGLER CORRIDOR	HEFT	US-1	ITS (INCLUDES CCTV, ROADWAY SENSORS, ARTERIAL DYNAMIC MESSAGE SIGNS, WIRELESS COMM)	E
520		BEACH/CBD, NORTHWEST, NORTH	NW/NE 58 ST / 74 ST / 79 ST / 103 ST CORRIDOR	HEFT	A1A	ITS (INCLUDES CCTV, ROADWAY SENSORS, ARTERIAL DYNAMIC MESSAGE SIGNS, WIRELESS COMM)	E
102		BEACH/CBD, NORTH	NE 12 AVE	NE 151 ST	NE 167 ST	WIDEN TO 3 LANES	
103		BEACH/CBD, NORTH	NE 15 AVE	NE 159 ST	MIAMI GARDENS DR	WIDEN TO 4 LANES	

* PROJECT INCLUDED IN PREVIOUSLY APPROVED 2025 LRTP

YEAR 2030 TRANSPORTATION PLAN
COST FEASIBLE PLAN - HIGHWAY AND TRANSIT PROJECTS
2015 PROJECTS

Project ID	In 2025 LRTP	Planning Area	Project or Facility	Limits		Project Description	Exempt Projects (E)
				From	To		
104		BEACH/CBD, CENTRAL, NORTH, NORTHWEST	ITS AT SR 826, 836, 874, 112, I-95, AND I-75			MAINTENANCE OF FIELD ELECTRONIC DEVICES	E
105		BEACH/CBD, CENTRAL, NORTH, NORTHWEST	ITS AT SR 826, 836, 874, 112, I-95, AND I-75			SAFETY PATROLS	E
106		BEACH/CBD, CENTRAL, NORTHWEST, WEST	SR 836 EXPRESS LANES	HEFT	SR 826/836 INTERCHANGE	4 LANE DIVIDED EXPRESS LANES IN MEDIAN OF SR 836	
107		CENTRAL	LEJEUNE ROAD			MIAMI INTERMODAL CENTER - C-D SOUTHBOUND ACCESS IMPROVEMENT	
108		CENTRAL	MIC			MIC/MIA INTERCHANGE - ACCESS IMPROVEMENT	
109		CENTRAL	LEJEUNE ROAD			MIAMI INTERMODAL CENTER - C-D NORTHBOUND ACCESS IMPROVEMENT	
491		CENTRAL	SR 112	NW 21 ST.	SR 112 / NW 27 AVE.	RECONSTRUCT SR 112/NW 36 ST/LEJEUNE INTERCHANGE	
110		CENTRAL	SR 836 WB AUXILIARY LANE	SR 826	NW 57 AVE	ADD AUXILIARY LANE IN WB DIRECTION	
111		CENTRAL	SR 836	E OF NW 57 AVE	W OF NW 57 AVE	INTERCHANGE IMPROVEMENTS AND WB EXIT RAMP	
112		CENTRAL	PONCE DE LEON BLVD	ALMERIA AVE	ALCAZAR AVE	6 TO 4 LANES WITH LEFT TURN BAYS	
327		CENTRAL	SW 62 AVE	SW 24 ST	NW 7 ST	STREET IMPROVEMENTS	E
329		CENTRAL	SOUTH MIAMI AVE	SW 25 RD	SW 15 RD	TRAFFIC CALMING MEASURES, CURBING, AND SIDEWALK	E
331		CENTRAL	SW 27 AVE	US 1	BAYSHORE DRIVE	WIDEN FROM 2 TO 3 LANES	
332		CENTRAL	GRAND AVE	SW 37 AVE	SW 32 AVE	CONSTRUCT 2 LANES WITH LEFT TURN LANES (4 TO 2)	
440		CENTRAL	SW 97 AVE	SW 56 ST	SW 72 ST	2 TO 3 LANES	
487		CENTRAL	SR 826 / PALMETTO	N OF SUNSET DR.	SW 32 ST.	ADD NEW LANE IN EACH DIRECTION AND RECONSTRUCT BIRD RD/MILLER RD.	
516		CENTRAL	SW/NW 42 AVE CORRIDOR	US-1	NW 79 ST	ITS (INCLUDES CCTV, ROADWAY SENSORS, ARTERIAL DYNAMIC MESSAGE SIGNS, WIRELESS COMM)	E
515		CENTRAL, SOUTH, WEST	SW 87 AVE CORRIDOR	US-1	SR 836	ITS (INCLUDES CCTV, ROADWAY SENSORS, ARTERIAL DYNAMIC MESSAGE SIGNS, WIRELESS COMM)	E
507		CENTRAL, SOUTH, WEST	KENDALL DR / SUNSET DR / KILLIAN PKWY CORRIDOR	SW 132 AVE	SW 57 AVE	ITS (INCLUDES CCTV, ROADWAY SENSORS, ARTERIAL DYNAMIC MESSAGE SIGNS, WIRELESS COMM)	E
523		CENTRAL, NORTHWEST	OKEECHOBEE RD	KROME AVE	NW 36 ST	ITS (INCLUDES CCTV, ROADWAY SENSORS, ARTERIAL DYNAMIC MESSAGE SIGNS, WIRELESS COMM)	E
334	*	CENTRAL, NORTH	EARLINGTON HEIGHTS CONNECTION	EARLINGTON HEIGHTS METROSTATION	MIC	PREMIUM TRANSIT	
113		CENTRAL, NORTHWEST	SR 934 / HIALEAH EXPWY	SR 826	SR 823 / NW 57 AVE	ADD LANES AND RECONSTRUCT (4 TO 6)	
114		CENTRAL, NORTHWEST, WEST	SR 826 & SR 836 INTERSECTION	NW 87 AVE	NW 57 AVE	WIDEN INTERCHANGE TO 10 LANES	
115		CENTRAL, WEST	SR 826	SW 32 ST	SW 16 ST	ADD LANES AND RECONSTRUCT (8 TO 10)	
116		CENTRAL, WEST	SR 826	SW 16 ST	SW 2 ST	ADD LANES AND RECONSTRUCT (8 TO 10)	
117		NORTH	SR 860	320 METERS WEST OF NW 27 AVE.	SR 91 / TURNPIKE	ADD LANES AND REHABILITATE PAVEMENT (4 TO 6)	
118		NORTH	SR 932	AT NW 2 AVE		ADD LEFT TURN LANES EB AND WB	
119		NORTH	SR 9A / I-95 (N/B)	NW 135 St.	NW 151 St.	CORRIDOR IMPROVEMENT - SB THRU LANE	
120		NORTH	SR 9A / I-95 (S/B)	NW 125 St.	NW 135 St.	CORRIDOR IMPROVEMENT - SB THRU LANE	

* PROJECT INCLUDED IN PREVIOUSLY APPROVED 2025 LRTP

YEAR 2030 TRANSPORTATION PLAN
COST FEASIBLE PLAN - HIGHWAY AND TRANSIT PROJECTS
2015 PROJECTS

Project ID	In 2025 LRTP	Planning Area	Project or Facility	Limits		Project Description	Exempt Projects (E)
				From	To		
121		NORTH	NE 8 ST / BAYSHORE DR	BISCAYNE BLVD	PORT BLVD	NEW 4 LANES AND BAYWALK	
122		NORTH	NW 14 ST	NW 10 AVE	I-95	WIDEN TO 3 LANES AND RESURFACE	
123	*	NORTH	NW 37 AVE	NW NORTH RIVER DRIVE	NW 79 ST	WIDEN 2 TO 5 LANES	
497		NORTH	S BAYSHORE DR	MCFARLANE	AVIATION	RESURFACING AND MEDIAN IMPROVEMENTS	E
531		NORTH	TURNPIKE - GOLDEN GLADES TOLL PLAZA			3 EXPRESS AND 3 MANUAL LANES	
351	*	NORTH	NORTH CORRIDOR	MLK METROSTATION	MIAMI-DADE / BROWARD LINE	PREMIUM TRANSIT	
341	*	NORTH	GOLDEN GLADES MULTIMODAL TERMINAL	SR 836/TURNPIKE/ I-95			E
345		NORTH	SR 112/I-195	I-95 (NW 10 AVE)	BISCAYNE	INTERCHANGE/RAMP IMPROVEMENTS AND AUXILIARY LANES	
349		NORTH	I-95	N OF SR 112	S OF GOLDEN GLADES	ADD REVERSIBLE MANAGED LANES	
558		NORTH	NORTHWEST PASSENGER ACTIVITY CENTER			MULTIMODAL ACTIVITY CENTER AT NW 7 AVE AND 62 ST	E
342	*	NORTH	NORTHEAST PASSENGER ACTIVITY CENTER			LOCATION TBD	E
521		NORTH	NW/NE 125 ST / 135 ST	I-95	US-1	ITS (INCLUDES CCTV, ROADWAY SENSORS, ARTERIAL DYNAMIC MESSAGE SIGNS, WIRELESS COMM)	E
519		NORTH, NORTHWEST	NW/NE 36 ST CORRIDOR	SR 826	US-1	ITS (INCLUDES CCTV, ROADWAY SENSORS, ARTERIAL DYNAMIC MESSAGE SIGNS, WIRELESS COMM)	E
511		NORTH, NORTHWEST	RED RD / W 12 AVE CORRIDOR	OKEECHOBEE RD	BROWARD CO LINE	ITS (INCLUDES CCTV, ROADWAY SENSORS, ARTERIAL DYNAMIC MESSAGE SIGNS, WIRELESS COMM)	E
124		NORTH, NORTHWEST	SR 823 / NW 57 AVE	W 49 ST / 103 ST	NW 138 St.	4 TO 6 LANES	
551	*	NORTHWEST	EAST-WEST CORRIDOR	FIU	MIC	PREMIUM TRANSIT (HEAVY RAIL)	
376	*	NORTHWEST	KROME AVE	SW 8TH ST	US 27	ACCESS MGT. / SAFETY / TRAIL	
125		NORTHWEST	SR 826	NW 62 ST	NORTH OF FEC RR	ADD LANES AND RECONSTRUCT (8 TO 10)	
126		NORTHWEST	SR 826	NORTH OF NW 25 ST	NW 47 ST	ADD LANES AND RECONSTRUCT (8 TO 10)	
127		NORTHWEST	SR 826	NORTH OF FEC RR	SOUTH OF NW 103 ST	ADD LANES AND RECONSTRUCT (8 TO 10)	
128		NORTHWEST	SR 25 / OKEECHOBEE RD	EAST OF W 12 AVE	W 19 ST	ADD LANES AND RECONSTRUCT (4 TO 6)	
362	*	NORTHWEST	NW 87 AVE	NW 58 ST	NW 74 ST	NEW 4-LANE ROAD	
363	*	NORTHWEST	NW 87 AVE	NW 74 ST	OKEECHOBEE RD	NEW 4-LANE ROAD	
364	*	NORTHWEST	SR 823 / NW 57 AVE	SR 934 / W 21 ST	SR 932 / W 49 ST	ADD 2 LANES TO 4 AND RECONSTRUCT	
365	*	NORTHWEST	SR 823 / NW 57 AVE	OKEECHOBEE RD.	SR 954 / W 21 ST	ADD 2 LANES TO 4 AND RECONSTRUCT	
130		NORTHWEST	SR 25/OKEECHOBEE RD	SR 826	EAST OF W 12 AVE	ADD LANES AND RECONSTRUCT	
131		NORTHWEST	SR 836 WB TO SB HEFT CONNECTION	TURNPIKE	NW 107 AVE	RECONSTRUCTION OF EXISTING WB SR 836 TO SB HEFT CONNECTION TO PROVIDE AN ADDITIONAL LANE	
132		NORTHWEST	SR 836 EXTENSION	NW 137 AVE	NW 107 AVE	CONSTRUCTION OF A NEW 4 LANE EXPRESSWAY EXTENSION ON SR 836 AND CONSTRUCTION OF A PORTION OF NW 137 AVE FROM SW 8 ST TO SW 12 ST	
133		NORTHWEST	NW 72 AVE	NW 74 ST	OKEECHOBEE RD	2 TO 4 LANES AND BRIDGE	
134		NORTHWEST	W 24 AVE	W 52 ST	W 76 ST	2 TO 5 LANES	
135		NORTHWEST	NW 74 ST	HEFT	NW 87 AVE	NEW 2 LANES	

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YEAR 2030 TRANSPORTATION PLAN
COST FEASIBLE PLAN - HIGHWAY AND TRANSIT PROJECTS
2015 PROJECTS

Project ID	In 2025 LRTP	Planning Area	Project or Facility	Limits		Project Description	Exempt Projects (E)
				From	To		
136		NORTHWEST	NW 74 ST	NW 87 Ave.	NW 84 AVE	NEW 4 LANES	
358	*	NORTHWEST	NW 25 ST	NW 87 AVE	SR 826 / NW 77 AVE	ADD LANES AND RECONSTRUCT (ADD 1 TO EXISTING 5 LANES)	
360	*	NORTHWEST	NW 122 ST	OKEECHOBEE RD.	NW 87 AVE	WIDEN 2 TO 5 LANES	
361	*	NORTHWEST	NW 138 ST	NW 107 AVE	NW 97 AVE	WIDEN TO 2 TO 5 LANES	
369	*	NORTHWEST	NW 107 AVE	OKEECHOBEE RD	NW 138 ST	2 TO 5 LANES	
389		NORTHWEST	CONSTRUCTION OF NW 87 AVE	NW 154 ST	MIAMI GARDENS (NW 186 ST)		
390		NORTHWEST	NW 62 AVE	NW 105 ST	NW 138 ST	2 TO 3 LANES	
396		NORTHWEST	NW 74 ST	HEFT	NW 82 AVE	NEW 3-LANE (ULTIMATELY HALF OF PROJECT 382: WIDEN TO 6 LANES)	
397		NORTHWEST	NW 97 AVE	NW 41	25 ST	WIDEN FROM 2 TO 4 LANES	
137		NORTHWEST	NW 58 ST	NW 107 AVE	NW 102 AVE	2 TO 4 LANES	
138		NORTHWEST	SW 184 ST	SW 147 AVE	SW 137 AVE	2 TO 4 LANES	
139		NORTHWEST	W 137 AVE	SW 8 ST	NW 12 ST	NEW CONSTRUCTION: 6 LANES	
492		NORTHWEST	HEFT (OKEECHOBEE TOLL PLAZA)			3 EXPRESS AND 4 MANUAL LANES	
140		NORTHWEST	NW 127 AVE	NW 12 ST	NW 25 ST	NEW 4 LANE ROAD	
141		NORTHWEST	NW 137 AVE	NW 12 ST	NW 17 ST	NEW 4 LANE ROAD	
142		NORTHWEST	NW 17 ST	NW 127 AVE	NW 137 AVE	NEW 4 LANE ROAD	
380	*	NORTHWEST	NW 107 AVE	NW 106 ST	NW 41 ST	NEW 4 LANE	
387	*	NORTHWEST	NW 97 AVE	NW 74 ST	NW 90 ST	NEW 4 LANE	
385	*	NORTHWEST	NW 87 AVE	NW 183 ST	COUNTY LINE	NEW 2-4 LANE	
381	*	NORTHWEST	NW 107 AVE	NW 138 ST	NW 170 ST	NEW 2 LANE	
383	*	NORTHWEST	NW 154 ST	NW 87 AVE	NW 107 AVE	NEW 2 LANE	
388	*	NORTHWEST	NW 97 AVE	NW 138 ST	NW 183 ST	2 LANE	
386	*	NORTHWEST	NW 90 ST	NW 107 AVE	NW 87 AVE	NEW 2 LANE	
143		NORTHWEST	NW 122 AVE	NW 25 ST	NW 41 ST	NEW 2 LANE ROAD	
144		NORTHWEST	NW 25 ST	NW 127 AVE	NW 117 AVE	NEW 4 LANE DIVIDED ARTERIAL	
145		NORTHWEST	NW 127 AVE	NW 12 ST	SW 8 ST	WIDEN TO 4 LANES	
393		NORTHWEST	I-75 INTERCHANGE AT NW 154 ST			NEW INTERCHANGE	
373		NORTHWEST	NW 25TH ST VIADUCT	NW 68 AVE	NW 77 AVE	NEW 2-LANE VIADUCT	
382		NORTHWEST	NW 74 ST	SR 826	HEFT	WIDEN TO 6 LANES	
371	*	NORTHWEST	NW 82 AVE	NW 8 ST	NW 12 ST	NEW 4 LANE	
375	*	NORTHWEST	NW 87 AVE	NW 36 ST	NW 58 ST	4 TO 6 LANES	
553		NORTHWEST	OKEECHOBEE RD			CONSTRUCT GRADE SEPARATED FREE FLOW LANES AT KROME AVE, NW 138 ST, NW 95 ST	
556		NORTHWEST	SW 107 AVE	SW 8 ST	FLAGLER ST	4 TO 6 LANES	
400		NORTHWEST, SOUTH	KROME AVE	SW 296 ST	SW 136 ST	ACCESS MGT / SAFETY / TRAIL	
146		NORTHWEST, WEST	SR 836 EXTENSION	NW 111 Ave.	NW 87 AVE	IMPROVEMENTS FROM NW 107 TO NW 87 AVE INCLUDING A NEW BIDIRECTIONAL MAINLINE TOLL PLAZA	
147		NORTHWEST, WEST	NW 97 AVE			CONSTRUCT 4 LANE BRIDGE OVER SR 836	

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YEAR 2030 TRANSPORTATION PLAN
COST FEASIBLE PLAN - HIGHWAY AND TRANSIT PROJECTS
2015 PROJECTS

Project ID	In 2025 LRTP	Planning Area	Project or Facility	Limits		Project Description	Exempt Projects (E)
				From	To		
433	*	NORTHWEST, WEST	HEFT	AT SW 8 ST		INTERCHANGE MODIFICATION	
148		SOUTH	SR 5 / US-1	CARD SOUND RD	SR 821 / HEFT	CONSTRUCT AUXILIARY LANES	
404		SOUTH	US 1 SOUTH	CARD SOUND RD	MONROE CO. LINE (N OF JEWFISH CK)	IMPROVE EXISTING 2 LANES - ADD WIDE SHOULDERS	
486		SOUTH	SR 997 / KROME AVE			ADD TURN LANES AT SW 288, SW 272, SW 256, SW 216, SW 200, SW 192, SW 184, SW 168, SW 136 INTERSECTIONS	
149		SOUTH	SR 874 NB ON RAMP FROM KENDALL DR	KENDALL DR	SW 72 AVE	PROVIDE NB RAMP FROM KENDALL DR TO SR 874 AND INSTALL ELECTRONIC TOLLING FOR CONNECTION TO SR 874	
150		SOUTH	SR 874 / KILLIAN PKWY	HEFT	KENDALL DR	NEW NB AND SB MAINLINE TOLL PLAZAS, NB RAMP PLAZA TO KILLIAN	
151		SOUTH	SW 184 ST	SW 137 AVE	SW 127 AVE	2 TO 4 LANES	
405	*	SOUTH	SW 87 AVE	SW 168 ST	SW 216 ST	2 TO 4 LANES	
406	*	SOUTH	SW 320 ST	SW 187 AVE	US-1/S DIXIE	WIDEN TO 3 LANES	
418	*	SOUTH	SW 312 ST	SW 152 AVE	SW 137 AVE	WIDEN 2 TO 4 LANES	
419	*	SOUTH	SW 312 ST (PHASE 2)	SW 187 AVE	SW 177 AVE	WIDEN TO 5 LANES	
420	*	SOUTH	SW 328 ST	US-1	SW 162 AVE	WIDEN TO 4 LANES	
421	*	SOUTH	SW 328 ST	SW 162 AVE	SW 152 AVE	WIDEN TO 4 LANES	
425		SOUTH	SW 56 ST	SW 158 AVE	SW 152 AVE	2 TO 4 LANES	
426		SOUTH	SW 56 ST	SW 158 AVE	SW 167 AVE	NEW 2 LANE	
430		SOUTH	SW 136 ST	SW 157 AVE	FL TURNPIKE (SR 874)	WIDENING FROM 2 TO 4 LANES	
431		SOUTH	SW 157 AVE	SW 184 ST	152 ST	2 TO 4 LANES	
432		SOUTH	SW 180 ST	SW 147 AVE	137 AVE		
436	*	SOUTH	SW 120 ST	SW 137 AVE	SW 117 AVE	4 TO 6 LANES	
153		SOUTH	SOUTH MIAMI-DADE BUSWAY	CUTLER RIDGE	FLORIDA CITY	BUSWAY EXTENSION	
489		SOUTH	HEFT	N OF EUREKA DR.	N OF SW 117 AVE.	WIDEN TO 12 LANES	
410	*	SOUTH	KROME AVE	US 1	SW 296 ST	TRUCK BY-PASS / WIDEN 2 TO 4 LANES	
513		SOUTH	SW 112 AVE CORRIDOR	HEFT	US-1	ITS (INCLUDES CCTV, ROADWAY SENSORS, ARTERIAL DYNAMIC MESSAGE SIGNS, WIRELESS COMM)	E
518		SOUTH	SW 112 ST	GLADES DR	US-1	ITS (INCLUDES CCTV, ROADWAY SENSORS, ARTERIAL DYNAMIC MESSAGE SIGNS, WIRELESS COMM)	E
517		SOUTH	SW 152 ST CORRIDOR	HEFT	US-1	ITS (INCLUDES CCTV, ROADWAY SENSORS, ARTERIAL DYNAMIC MESSAGE SIGNS, WIRELESS COMM)	E
472		SOUTH, WEST	SW 127 AVE	SW 120 ST	SW 88 ST	WIDEN TO 5 LANES	
402		SOUTH, WEST	HEFT	SW 117 / SR 874	SR 874 / KENDALL DR.	12 LANES + 3 LANE CD / 8 LANES	
462	*	WEST	SW 40 ST	SW 157 AVE	SW 167 AVE	NEW 2-LANE	
434	*	WEST	WEST DADE TRANSIT HUB			AT NW 12 ST EAST OF 107 AVE	E
465	*	WEST	WEST KENDALL TRANSIT HUB			PRIVATE DEVELOPMENT AS PART OF KENDALL TOWN CENTER	E
463	*	WEST	SW 88 ST / KENDALL DR	SW 162 AVE	SW 167 AVE	4 TO 6 LANES	
456	*	WEST	SW 147 AVE	SW 8 ST	SW 26 ST	ADD 2 LANES TO 2 LANE ROADWAY	
154		WEST	SR 94/KENDALL DR	MILLS DR	SW 102 AVE	ADD TURN LANES	

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YEAR 2030 TRANSPORTATION PLAN
COST FEASIBLE PLAN - HIGHWAY AND TRANSIT PROJECTS
2015 PROJECTS

Project ID	In 2025 LRTP	Planning Area	Project or Facility	Limits		Project Description	Exempt Projects (E)
				From	To		
330		WEST	NW 82 AVE NW 8 ST	NW 7 ST NW 87 AVE	NW 10 ST NW 79 AVE	ROADWAY RECONSTRUCTION	
398	*	WEST	SW 82 AVE	SW 7 ST	SW 8 ST	BRIDGE OVER TAMiami CANAL	
437	*	WEST	SW 137 AVE	SW 8 ST	SW 26 ST	4 TO 6 LANES	
200		WEST	SW 97 AVE	SW 40 ST	SW 56 ST	2 TO 3 LANES	
156		WEST	SW 42 ST	SW 157 AVE	SW 167 AVE	NEW 2 LANE	
157		WEST	SW 42 ST	SW 149 AVE	SW 150 AVE	2 TO 4 LANES	
158		WEST	SW 42 ST	SW 157 AVE	SW 162 AVE	2 TO 4 LANES	
477		WEST	SW 142 AVE	SW 42 ST.	SW 8 ST	NEW 2 LANES	
464		WEST	KENDALL DR	SW 162 AVE	SW 157 AVE	WIDEN TO 6 LANES	
201		WEST	KENDALL DR	SW 157 AVE	SW 150 AVE	WIDEN TO 6 LANES	
470		WEST	SW 82 AVE	SW 42	48 ST	2 LANES	
452		WEST	KROME AVE / SW 177TH AVE**	SW 136 ST	SW 8 ST	ADD 2 LANES TO 2 LANE ROADWAY	
435	*	WEST	SW 117 AVE	SW 40 ST	SW 8 ST	WIDEN 2 TO 4 LANES	
514		WEST	SW 137 AVE	120 ST	SW 128 ST	ITS (INCLUDES CCTV, ROADWAY SENSORS, ARTERIAL DYNAMIC MESSAGE SIGNS, WIRELESS COMM)	E
459	*	WEST	SW 167 AVE	SW 56 ST	SW 88 ST	NEW 2 LANE	
447	*	WEST	SW 72 ST	SW 117 AVE	SW 157 AVE	4 TO 6 LANES	
500		WEST	SW 88 ST / KENDALL DR **	SW 177 AVE	SW 167 AVE	4 TO 6 LANES	

* PROJECT INCLUDED IN PREVIOUSLY APPROVED 2025 LRTP

** CDMP AMENDMENT NEEDED

YEAR 2030 TRANSPORTATION PLAN
COST FEASIBLE PLAN - HIGHWAY AND TRANSIT PROJECTS
2025 PROJECTS

Project ID	In 2025 LRTP	Planning Area	Project or Facility	Limits		Project Description	Exempt Projects (E)
				From	To		
203	*	COUNTYWIDE	GREENWAYS/TRAILS				E
204		COUNTYWIDE	EXISTING PUBLIC WORKS FACILITIES O&M				E
205		COUNTYWIDE	EXISTING TRANSIT SYSTEM O&M				E
206		COUNTYWIDE	MIC LOAN REPAYMENT			MIC	E
207		COUNTYWIDE	PUBLIC WORKS PTP PROJECTS O&M				E
338	*	COUNTYWIDE	BUS PURCHASES AND NEW BUS SERVICE			REPLACEMENT BUSES AND NEW SERVICE	E
535		BEACH / CBD	SR 836 / NW 27 AVE INTERCHANGE	NW 27 AVE	NW 17 AVE	RECONSTRUCT SR 836	
314		BEACH / CBD, NORTH	SR 836 / I-395	WEST OF NW 17 AVE	I-95	CORRIDOR IMPROVEMENT; C-D ROAD	
319	*	BEACH/CBD	BAY LINK	DOWNTOWN MIAMI	MIAMI BEACH	LRT	
159	*	BEACH/CBD	SEAPORT TUNNEL EXPRESSWAY***	I-395	SEAPORT	TUNNEL CONNECTING SEAPORT TO I-395 (4 LANES)	
552	*	BEACH / CBD, CENTRAL	EAST-WEST CORRIDOR	MIC	GOVT CENTER	PREMIUM TRANSIT	
485		CENTRAL	NW 77 ST.	NW 79 AVE.	MILAM DAIRY	NEW 4 LANES	
536		CENTRAL, SOUTH	SR 874	KENDALL DR	SR 826	INTERCHANGE IMPROVEMENTS INCLUDING NEW BRIDGE OVER SR 874 FROM SR 878 AND SB CD ROAD TO KENDALL DR (INCLUDES SR 874/878 INTERCHANGE)	
533		NORTH	HEFT - MIRAMAR TOLL PLAZA			3 EXPRESS LANES	
503	*	NORTHWEST	MIAMI GARDENS DRIVE	I-75	NW 57 AVE	4 TO 6 LANES	
357	*	NORTHWEST	HEFT	AT NW 74 ST		INTERCHANGE (MAJOR)	
377	*	NORTHWEST	HEFT	I-75 INTERCHANGE		INTERCHANGE IMPROVEMENTS	
504		NORTHWEST	I-75 / MIAMI GARDENS DR INTERCHANGE			INTERCHANGE IMPROVEMENTS	
359	*	NORTHWEST	NW 107 AVE	NW 41 ST	NW 25 ST	4 TO 6 LANES	
506		NORTHWEST	NW 87 AVE	NW 58 ST	OKEECHOBEE RD	WIDEN TO 6 LANES	
372	*	NORTHWEST	NW 97 AVE	NW 58 ST	NW 74 ST	2 TO 4 LANES	
498		NORTHWEST	W 60 ST.	W 4 AVE.	W 12 AVE.	2 TO 3 LANES	
370	*	NORTHWEST	NW 72 AVE	NW 122 ST	NW 138 ST.	WIDEN 2 TO 3 LANES	
493		NORTHWEST	HEFT	US-27	I-75	WIDEN TO 8 LANES	
484		NORTHWEST	HEFT	SR 836	US-27	6 TO 8 LANES + 2 AUX LANES	
378	*	NORTHWEST	HEFT	I-75	FL TURNPIKE	4 TO 6 LANES (SHOWN AS FUNDED IN BROWARD LRTP)	
538		NORTHWEST	SR 924	EASTERN TERMINUS OF SR 924	OKEECHOBEE RD	EXPRESSWAY EXTENSION FROM SR 924 TO OKEECHOBEE	
490		SOUTH	HEFT	SW 216 ST SW 200 ST US-1	SW 200 ST US-1 N OF EUREKA DR	WIDEN TO 6 LANES 8 LANES 10 LANES	
532		SOUTH	HEFT - HOMESTEAD TOLL PLAZA			3 EXPRESS LANES	
409	*	SOUTH	HOMESTEAD TRANSIT HUB			LOCATION TBD	E
407	*	SOUTH	SR 874	SW 120 ST	SW 117 AVE	PROVIDE SB OFF RAMP, NB ONRAMP AND INSTALL NOISE ATTENUATION WALLS	
411	*	SOUTH	SW 107 AVE	QUAIL ROOST DRIVE	SW 160 ST	WIDEN 2 TO 4 LANES	
413	*	SOUTH	SW 147 AVE	SW 184 ST	SW 152 ST	ADD 2 LANES AND RESURFACE	

* PROJECT INCLUDED IN PREVIOUSLY APPROVED 2025 LRTP

*** PARTIALLY FUNDED - NO OPEN TO TRAFFIC DATE AVAILABLE

YEAR 2030 TRANSPORTATION PLAN
COST FEASIBLE PLAN - HIGHWAY AND TRANSIT PROJECTS
2025 PROJECTS

Project ID	In 2025 LRTP	Planning Area	Project or Facility	Limits		Project Description	Exempt Projects (E)
				From	To		
499		SOUTH	SW 152 ST	HEFT	US 1	4 TO 6 LANES	
428		SOUTH	SW 152 ST	SW 147 AVE	SW 157 AVE	2 TO 4 LANES	
424	*	SOUTH	SW 157 AVE	SW 184 ST	SW 216 ST	NEW 2 LANE	
415	*	SOUTH	SW 184 ST	SW 157 AVE	SW 147 AVE	2 TO 4 LANES	
416	*	SOUTH	SW 200 ST	US-1	QUAIL ROOST DR	2 TO 4 LANES	
414	*	SOUTH	SW 152 AVE	US-1	SW 312 ST	2 TO 4 LANES	
423		SOUTH	HEFT	US-1 (SOUTHERN TERMINUS OF HEFT)	SW 216 ST	4 TO 6 LANES	
537		SOUTH	SR 874	SW 138 ST	SR 874/ KENDALL DR	PROVIDE ACCESS RAMP TO SR 874 FROM SW 138 ST	
441		WEST	HEFT	SW 104 ST	NW 107 AVE/SR 836	EXPRESS LANES	
488		WEST	HEFT	KENDALL	SW 8 ST	WIDEN TO 8 LANES	
450	*	WEST	SW 104 ST	SW 160 AVE	SW 167 AVE	NEW 4 LANE	
455	*	WEST	SW 127 AVE	SW 120 ST	SW 144 ST	NEW 4 LANE	
458	*	WEST	SW 157 AVE**	SW 8 ST	SW 42 ST	NEW 4 LANE	
460	*	WEST	SW 167 AVE	SW 40 ST	SW 56 ST	NEW 2 LANE	
444	*	WEST	SW 24 ST	SW 107 AVE	SW 87 AVE	WIDEN 4 TO 6 LANES	
466		WEST	KENDALL CORRIDOR	DADELAND NORTH	W FLAGLER	PREMIUM TRANSIT	
461		WEST	SW 26 ST	SW 147 AVE	SW 157 AVE	NEW 4 LANE	
445	*	WEST	SW 24 ST	SW 117 AVE	SW 107 AVE	WIDEN 4 TO 6 LANES	

* PROJECT INCLUDED IN PREVIOUSLY APPROVED 2025 LRTP

**CDMP AMENDMENT NEEDED

YEAR 2030 TRANSPORTATION PLAN
COST FEASIBLE PLAN - HIGHWAY AND TRANSIT PROJECTS
2030 PROJECTS

Project ID	In 2025 LRTP	Planning Area	Project or Facility	Limits		Project Description	Exempt Projects (E)
				From	To		
203	*	COUNTYWIDE	GREENWAYS/TRAILS				E
204		COUNTYWIDE	EXISTING PUBLIC WORKS FACILITIES O&M				E
205		COUNTYWIDE	EXISTING TRANSIT SYSTEM O&M				E
206		COUNTYWIDE	MIC LOAN REPAYMENT			MIC	E
207		COUNTYWIDE	PUBLIC WORKS PTP PROJECTS O&M				E
338	*	COUNTYWIDE	BUS PURCHASES AND NEW BUS SERVICE			REPLACEMENT BUSES AND NEW SERVICE	E
524		BEACH/CBD	SE 1 AVE	SE 8 ST	SE 5 ST	EXTEND SE 1 AVE	
527		BEACH/CBD	W 1 AVE	MIAMI ARENA	NW 20 AVE	EXTEND W 1 AVE CORRIDOR EXTENSION	
313	*	BEACH / CBD, NORTH	NORTHEAST CORRIDOR***	DOWNTOWN MIAMI	BROWARD COUNTY LINE	PREMIUM TRANSIT	
324	*	CENTRAL	NW 21 ST / NW 32 AVE BRIDGE	NW 37 AVE	NW 28 STREET	CONSTRUCT HIGH LEVEL BRIDGE	
325	*	CENTRAL	PERIMETER RD	NW 20 ST	NW 72 AVE	2 TO 4 LANES	
352	*	NORTH	DOUGLAS ROAD CORRIDOR***	DOUGLAS ROAD METROSTATION	MIC	PREMIUM TRANSIT	
356	*	NORTH, NORTHWEST	SR 826 - HOV	I-75	GOLDEN GLADES INTERCHANGE	ONE HOV LANE EACH DIRECTION	
561		NORTHWEST	I-75	SR 826	NW 138 ST	IMPLEMENT MASTER PLAN	
379	*	NORTHWEST	NW 36 / 41 ST	NW 42 AVE	HEFT	EXPRESS STREET (ITS, GRADE SEPARATIONS, ETC.)	E
554		NORTHWEST	OKEECHOBEE RD			CONSTRUCT GRADE SEPARATED INTERSECTIONS AND ADD TURN LANES AT KROME AVE, HIALEAH GARDENS BLVD / NW 116 WAY, NW 105 WAY, NW 87 AVE, AND NW 79 AVE	
367	*	NORTHWEST	WEST 68 ST	WEST 21 COURT	WEST 19 COURT	ADD LANE ON SOUTH SIDE	
368	*	NORTHWEST	WEST 76 ST	WEST 36 AVE	WEST 20 AVE	WIDEN 2 TO 5 LANES	
417	*	SOUTH	SW 268 ST / MOODY DR	US 1	SW 112 AVE	ADD TURN LANES	
547		SOUTH	SW 312 ST	NW 14 AVE SW 176 AVE	SW 197 AVE HEFT	WIDEN TO 6 LANES	
546		SOUTH	SW 320 ST	SW 187 AVE S DIXIE HWY	SW 197 AVE SW 142 AVE	WIDEN TO 4 LANES	
473	*	SOUTH, WEST	SOUTH MIAMI-DADE CORRIDOR RAIL EXTENSION TO FL. CITY US-1/S DIXIE HIGHWAY***	DADELAND	FLORIDA CITY	PREMIUM TRANSIT	
454	*	WEST	SW 104 ST	SW 167 AVE	SW 177 AVE	NEW 2 LANE	
442	*	WEST	SW 120 ST**	SW 137 AVE	SW 147 AVE	4 TO 6 LANES	
443	*	WEST	SW 16 ST	SW 82 AVE	SW 71 AVE	OVERPASS ACROSS 826	
446	*	WEST	SW 47TH / 48TH ST	SW 112 AVE	SW 122 AVE	OVERPASS ACROSS HEFT	
439	*	WEST	SW 80TH ST	SW 72 AV	US 1 / S DIXIE	WIDEN 2 TO 5 LANES	

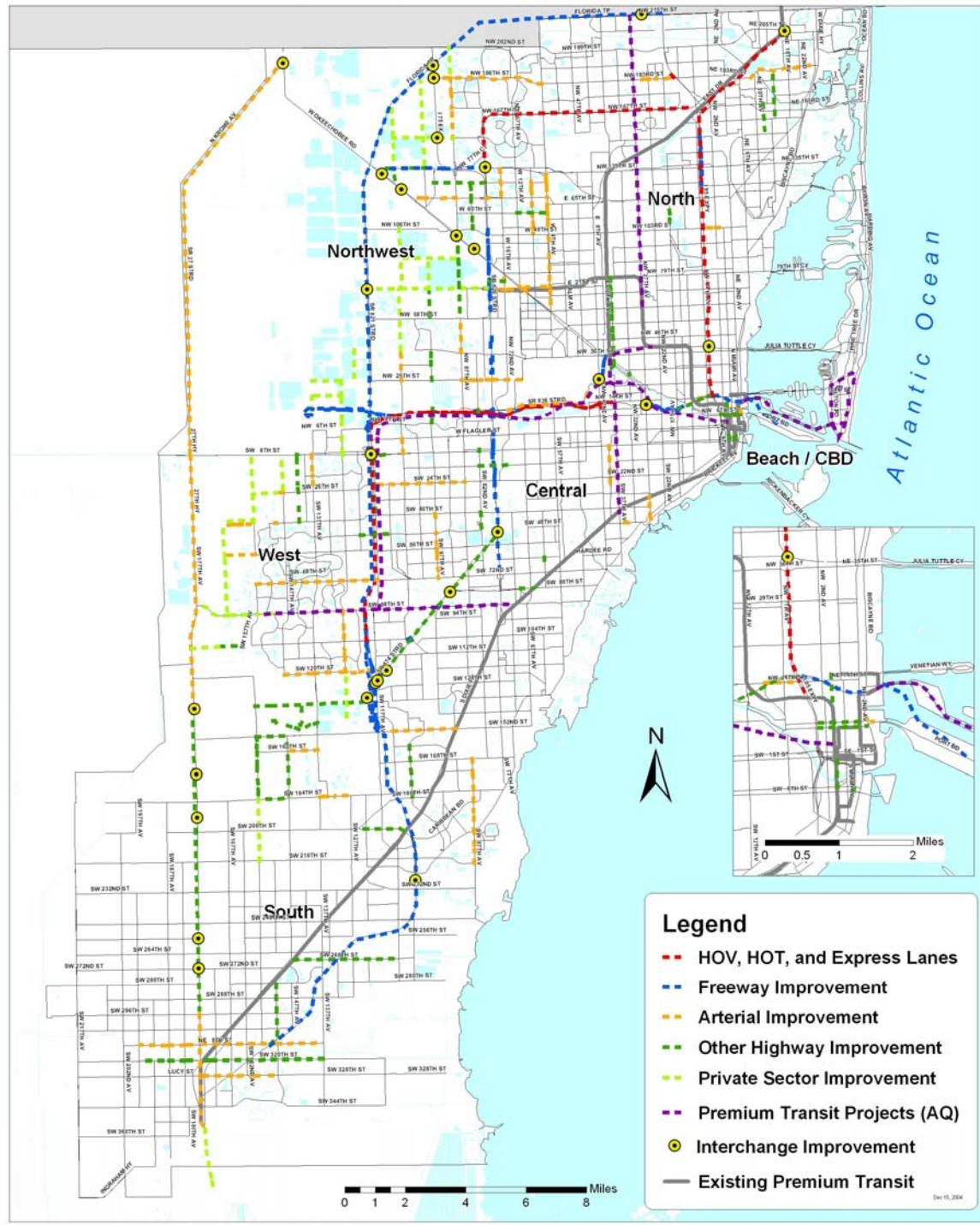
* PROJECT INCLUDED IN PREVIOUSLY APPROVED 2025 LRTP

** CDMP AMENDMENT NEEDED

*** OPEN TO TRAFFIC AFTER 2030

APPENDIX D
YEAR 2030 LRTP PROJECT MAP

Year 2030 Cost Affordable Projects LRTP Projects Open by Year 2030



APPENDIX E

YEAR 2000 EMIS MODEL INPUT & OUTPUT AND SUPPORTING FSUTMS REPORTS/FILES

YEAR 2000 MOBILE6.00A

MOBILE6 INPUT FILE

RUN DATA

MIN/MAX TEMP : 69.3 91.2

>These factors are for Southeast Florida only!

NO REFUELING :

*Indicates that refueling emissions will NOT be included

ABSOLUTE HUMIDITY : 100.0

FUEL RVP : 7.8

SCENARIO RECORD : SPEED = EPA default speed distribution

*User must indicate analysis year for this run in four digit format

CALENDAR YEAR : 2000

EVALUATION MONTH : 7

*User must indicate temperatures used for inventory purposes by area

END OF RUN

YEAR 2000 PROFILE.MAS

&TWODIGIT
YES
&VFACTORS
YES
&NAME NAME OF STUDY
Miami
&MOBILE6
YES
&M6YEAR
2000
&MOBILE DIRECTORY WHERE MOBILE PARAMETER FILES ARE STORED
c:\fsutms.v55\
&IMFAC INSPECTION/MAINTENANCE CREDIT PERCENTAGE FOR EMIS
0.00000
&EMISFAC FACTOR TO ADJUST MODEL VMT TO MATCH HPMS TARGET VALUE
0.99908
&FSUTMS DIRECTORY WHERE SCRIPT FILES ARE LOCATED
.\\SCRIPT
&AVEZONE NUMBER OF ZONES TO AVERAGE TO COMPUTE IZ DISTANCE
1
&TRANZONE TRANSIT ACCESS ANALYSIS ZONE
642
&ZONESI INTERNAL ZONES
1500
&ZONESX FIRST EXTERNAL ZONE
1501
&ZONESA TOTAL ZONES
1521
&VALIDATE
NO
&ANALYSIS
YES
&GLSELECT
0
&GLTITLE Miami-dade
&SZONE STARTING ZONE FOR CARDINAL DISTRIBUTION
1
&FZONE ENDING ZONE FOR CARDINAL DISTRIBUTION
1500
&DISTRICT NUMBER OF PLANNING DISTRICTS
96
&SUPERDIST NUMBER OF SUPER DISTRICTS
26
&CBDZONE THE CBD ZONES
642
&SELDEST SELECTED DESTINATION ZONES
1-1500
&TERM10 TERMINAL TIME FOR AREA TYPE
5
&TERM11 TERMINAL TIME FOR AREA TYPE
5
&TERM12 TERMINAL TIME FOR AREA TYPE
5
&TERM13 TERMINAL TIME FOR AREA TYPE
3
&TERM14 TERMINAL TIME FOR AREA TYPE

5
&TERM15 TERMINAL TIME FOR AREA TYPE
5
&TERM16 TERMINAL TIME FOR AREA TYPE
5
&TERM17 TERMINAL TIME FOR AREA TYPE
5
&TERM18 TERMINAL TIME FOR AREA TYPE
5
&TERM19 TERMINAL TIME FOR AREA TYPE
5
&TERM20 TERMINAL TIME FOR AREA TYPE
3
&TERM21 TERMINAL TIME FOR AREA TYPE
4
&TERM22 TERMINAL TIME FOR AREA TYPE
3
&TERM23 TERMINAL TIME FOR AREA TYPE
3
&TERM24 TERMINAL TIME FOR AREA TYPE
3
&TERM25 TERMINAL TIME FOR AREA TYPE
3
&TERM26 TERMINAL TIME FOR AREA TYPE
3
&TERM27 TERMINAL TIME FOR AREA TYPE
3
&TERM28 TERMINAL TIME FOR AREA TYPE
3
&TERM29 TERMINAL TIME FOR AREA TYPE
3
&TERM30 TERMINAL TIME FOR AREA TYPE
1
&TERM31 TERMINAL TIME FOR AREA TYPE
3
&TERM32 TERMINAL TIME FOR AREA TYPE
1
&TERM33 TERMINAL TIME FOR AREA TYPE
1
&TERM34 TERMINAL TIME FOR AREA TYPE
1
&TERM35 TERMINAL TIME FOR AREA TYPE
1
&TERM36 TERMINAL TIME FOR AREA TYPE
1
&TERM37 TERMINAL TIME FOR AREA TYPE
1
&TERM38 TERMINAL TIME FOR AREA TYPE
1
&TERM39 TERMINAL TIME FOR AREA TYPE
1
&TERM40 TERMINAL TIME FOR AREA TYPE
2
&TERM41 TERMINAL TIME FOR AREA TYPE
2
&TERM42 TERMINAL TIME FOR AREA TYPE
3

&TERM43	TERMINAL TIME FOR AREA TYPE
2	
&TERM44	TERMINAL TIME FOR AREA TYPE
2	
&TERM45	TERMINAL TIME FOR AREA TYPE
2	
&TERM46	TERMINAL TIME FOR AREA TYPE
2	
&TERM47	TERMINAL TIME FOR AREA TYPE
2	
&TERM48	TERMINAL TIME FOR AREA TYPE
2	
&TERM49	TERMINAL TIME FOR AREA TYPE
2	
&TERM50	TERMINAL TIME FOR AREA TYPE
1	
&TERM51	TERMINAL TIME FOR AREA TYPE
1	
&TERM52	TERMINAL TIME FOR AREA TYPE
1	
&TERM53	TERMINAL TIME FOR AREA TYPE
1	
&TERM54	TERMINAL TIME FOR AREA TYPE
1	
&TERM55	TERMINAL TIME FOR AREA TYPE
1	
&TERM56	TERMINAL TIME FOR AREA TYPE
1	
&TERM57	TERMINAL TIME FOR AREA TYPE
1	
&TERM58	TERMINAL TIME FOR AREA TYPE
1	
&TERM59	TERMINAL TIME FOR AREA TYPE
1	
&NODES	MAXIMUM NUMBER OF NODES IN HWY NET
200000	
&UNITS	UNITS PER MILE
5280	
&CONFAC	FOR CAPACITY CONSTRAINT
0.10	
&CAPFAC	FOR PLOTTING LOS E
0.10	
&ITER	MAXIMUM EQUILIBRIUM ITERATIONS
25	
&UROADF	UROAD CAPACITY FACTOR
0.75	
&DAMPING	DAMPING FACTOR USED TO MINIMIZE TIME MODULATIONS BETWEEN
ITERATION	
0.5	
&BPRMAX	
4.0	
&EPS	
0.10	
&CTOLL	COEFFICIENT OF TOLL FACTOR USED IN TOLL MODEL
0.08	
&TOLLS1	NOT USED BUT KEEP IN PROFILE.MAS FOR MODEL STREAM
CONTINUITY	

0.10
&TOLLS2 NOT USED BUT KEEP IN PROFILE.MAS FOR MODEL STREAM
CONTINUITY
0.15
&TOLLS3 NOT USED BUT KEEP IN PROFILE.MAS FOR MODEL STREAM
CONTINUITY
0.20
&TOLLS4 NOT USED BUT KEEP IN PROFILE.MAS FOR MODEL STREAM
CONTINUITY
0.25
&TOLLS5 NOT USED BUT KEEP IN PROFILE.MAS FOR MODEL STREAM
CONTINUITY
0.30
&TOLLS6 NOT USED BUT KEEP IN PROFILE.MAS FOR MODEL STREAM
CONTINUITY
0.35
&TOLLS7 NOT USED BUT KEEP IN PROFILE.MAS FOR MODEL STREAM
CONTINUITY
1.00
&TOLLS8 NOT USED BUT KEEP IN PROFILE.MAS FOR MODEL STREAM
CONTINUITY
0.001
&TOLLS9 NOT USED BUT KEEP IN PROFILE.MAS FOR MODEL STREAM
CONTINUITY
0.00
&TOLLS10 NOT USED BUT KEEP IN PROFILE.MAS FOR MODEL STREAM
CONTINUITY
0.00
&TOLLS11 NOT USED BUT KEEP IN PROFILE.MAS FOR MODEL STREAM
CONTINUITY
0.00
&TOLLS12 NOT USED BUT KEEP IN PROFILE.MAS FOR MODEL STREAM
CONTINUITY
0.00
&TOLLS13 NOT USED BUT KEEP IN PROFILE.MAS FOR MODEL STREAM
CONTINUITY
0.00
&TOLLS14 NOT USED BUT KEEP IN PROFILE.MAS FOR MODEL STREAM
CONTINUITY
0.00
&TOLLS15 NOT USED BUT KEEP IN PROFILE.MAS FOR MODEL STREAM
CONTINUITY
0.00
&TOLLS16 NOT USED BUT KEEP IN PROFILE.MAS FOR MODEL STREAM
CONTINUITY
0.00
&TOLLS17 NOT USED BUT KEEP IN PROFILE.MAS FOR MODEL STREAM
CONTINUITY
0.00
&TOLLS18 NOT USED BUT KEEP IN PROFILE.MAS FOR MODEL STREAM
CONTINUITY
0.00
&TOLLS19 NOT USED BUT KEEP IN PROFILE.MAS FOR MODEL STREAM
CONTINUITY
0.00
&TOLLS20 NOT USED BUT KEEP IN PROFILE.MAS FOR MODEL STREAM
CONTINUITY

0.00
&SERVT1 NOT USED BUT KEEP IN PROFILE.MAS FOR MODEL STREAM
CONTINUITY
0.10
&SERVT2 NOT USED BUT KEEP IN PROFILE.MAS FOR MODEL STREAM
CONTINUITY
0.15
&SERVT3 NOT USED BUT KEEP IN PROFILE.MAS FOR MODEL STREAM
CONTINUITY
0.20
&SERVT4 NOT USED BUT KEEP IN PROFILE.MAS FOR MODEL STREAM
CONTINUITY
0.25
&SERVT5 NOT USED BUT KEEP IN PROFILE.MAS FOR MODEL STREAM
CONTINUITY
0.30
&SERVT6 NOT USED BUT KEEP IN PROFILE.MAS FOR MODEL STREAM
CONTINUITY
0.35
&SERVT7 NOT USED BUT KEEP IN PROFILE.MAS FOR MODEL STREAM
CONTINUITY
1.00
&SERVT8 NOT USED BUT KEEP IN PROFILE.MAS FOR MODEL STREAM
CONTINUITY
0.001
&SERVT9 NOT USED BUT KEEP IN PROFILE.MAS FOR MODEL STREAM
CONTINUITY
0.00
&SERVT10 NOT USED BUT KEEP IN PROFILE.MAS FOR MODEL STREAM
CONTINUITY
0.00
&SERVT11 NOT USED BUT KEEP IN PROFILE.MAS FOR MODEL STREAM
CONTINUITY
0.00
&SERVT12 NOT USED BUT KEEP IN PROFILE.MAS FOR MODEL STREAM
CONTINUITY
0.00
&SERVT13 NOT USED BUT KEEP IN PROFILE.MAS FOR MODEL STREAM
CONTINUITY
0.00
&SERVT14 NOT USED BUT KEEP IN PROFILE.MAS FOR MODEL STREAM
CONTINUITY
0.00
&SERVT15 NOT USED BUT KEEP IN PROFILE.MAS FOR MODEL STREAM
CONTINUITY
0.00
&SERVT16 NOT USED BUT KEEP IN PROFILE.MAS FOR MODEL STREAM
CONTINUITY
0.00
&SERVT17 NOT USED BUT KEEP IN PROFILE.MAS FOR MODEL STREAM
CONTINUITY
0.00
&SERVT18 NOT USED BUT KEEP IN PROFILE.MAS FOR MODEL STREAM
CONTINUITY
0.00
&SERVT19 NOT USED BUT KEEP IN PROFILE.MAS FOR MODEL STREAM
CONTINUITY

0.00
&SERVT20 NOT USED BUT KEEP IN PROFILE.MAS FOR MODEL STREAM
CONTINUITY
0.00
&MAXTIM
70
&ATITER NUMBER OF GMODEL ITERATIONS
10
&AOFAC1 AUTO OCC FOR HBW
0.7936
&AOFAC2 AUTO OCC FOR HBSH
0.5747
&AOFAC3 AUTO OCC FOR HBSR
0.5747
&AOFAC4 AUTO OCC FOR HBO
0.5747
&AOFAC5 AUTO OCC FOR NHB
0.5917
&UNCONNECT MAXIMUM TRANSIT TIME
255
&NUMFARE MAXIMUM NUMBER OF FARE CATEGORIES
8
&HOV SWITCH FOR HOV TYPE
TYPE1
&HOV1 IDENTIFIES HOV ONLY FACILITIES
HOV LINKS, LINK GROUP 2 = 80-89
&HOV2 IDENTIFIES NUMBER OF TRIP TABLES
SELECTED PURPOSES = 1-3
&HOV3 USED FOR REPORTING OF TRIP PURPOSES
ADD PURPOSES = 1-3
&HOV4 DELETED LINKS FOR HOV SKIMS
LINK GROUP 2 = 80-89
&HOV5 IDENTIFIES HOV ONLY FACILITIES
HOV1 LINKS, LINK GROUP 2 = 49
&HOV6 IDENTIFIES HOV ONLY FACILITIES
HOV2 LINKS, LINK GROUP 2 = 80-89
&PERIOD
24
&PLOTTER
HP7586
&PLOTPENS
8
&PLOTSIZE
30
&PAPER
NORMALD
&PLOTFAC
600
&DATA
DATA
&PLOTWIN
PLOTXY.STD
&PLOTWINA
PLOTXYA.STD
&PLOTWINB
PLOTXYB.STD
&PLOTWINC

PLOTXYC.STD
&PLOTWIND
PLOTXYD.STD
&PLOTWINE
PLOTXYE.STD
&PLOTWINF
PLOTXYF.STD
&PLOTWING
PLOTXYG.STD
&PLOTWINH
PLOTXYH.STD
&CHARHT
0.05
&NAMEB
SOUTH DADE (B)
&NAMEM
MIC/INTERCON (M)
&NAMEP
NORTH/BEACH CORR (P)
&NAMEQ
EAST/WEST CORRIDOR(Q)
&NAMER
DOWNTOWN MIAMI (R)
&NAMES
KENDALL/SOUTH CORR(S)
&NAMET
WEST CENTRAL AREA (T)
&NAMEU
NW/PALMETTO CORR (U)
&NAMEV
I95/NORTH CORRIDOR(V)
&NAMEZ
SUNPIKE/27TH AVE (Z)
&NAME1
SW (1)
&NAME2
NW (2)
&NAME3
NE (3)
&NAME4
SE (4)
&MAXUTIL
0.75
&QUEMAX
100
&QUELIM
4.9
&NUMFARE
9
&TOLLMF
TOLL FACILITIES MODEL
&MULTSQ
MULTIPLE SERVER QUEUES
&ACCUQT FLAG FOR USING TOLL FACILTIES MODEL
~ ACCUMULATE QUEUEING TIME
&GMTIME
TIME2

&CITYCODE
 MIA
 &TITLE
 2000 MTPM
 &MAXD Maximum sidewalk area around stations
 0.4
 &TERM Auto access terminal time (home end)
 2.0
 &DEF Default auto access time
 2.0
 &NOPT Usage check on second auto connector
 1
 &BACK Backtrack flag for auto connector
 1
 &AOC Auto operating costs
 9.5
 &OC3 Average 3+ auto occupancy
 3.20 3.20 3.20 3.20 Average park/ride auto occupancy
 &OCTA
 1.2 1.2 1.2
 &TASPD Average auto access speed
 26.0 26.0
 &MINRUN1 Minimum walk-to-local run time
 3.0
 &MINRUN2 Minimum walk-to-premium run time
 3.0
 &MINRUN3 Minimum auto-to-local run time
 30.0
 &MINRUN4 Minimum auto-to-premium run time
 6.0
 &INFL1 Transit fare inflation
 1.0
 &INFL2 Auto operating cost inflation
 1.0
 &INFL3 Parking cost inflation
 1.0
 &MSMIN Minimum mode split
 0.01 0.01 0.01
 &HOVUSE HOV usage flag
 3
 &HOVMIN HOV minimum time
 3.0
 &RAILAC Station walk access impedance flag
 0
 &VAL Validation summary flag
 0
 &KRFAC Kiss/ride additional impedance factor
 1.50
 &JITNEY Jitney flag (0=none, 1=base, 2=alt)
 1
 &VERS Model Version (1=standard FSUTMS, 2=Orlando 10 purposes)
 1
 &DEFMS Default Regional Mode Splits
 0.07770 0.02970 0.02970
 &DEFUPD Update Zonal Default Mode Splits (1=yes, 2=no)
 1
 &MAXTIM

```

70                                     TRI RAIL EXTERNAL ZONE
&TRIZONE
1467
&MAXTIME
120
&ROTANG
270
&PORTRAIT
0
&LANDSCAPE
0
&ROTANGW

&PLT
plt
&ASCII
YES
&DATABASE      Optional entry to enable database capability
NO
&DBCOOUT      When activated, writes database files for TASSIGN
   DBC OUTPUT, INET
&MINUROADFAC  Specifies minimum UROAD factor allowed (Optional)
0.50
&MAXUROADFAC  Specifies maximum UROAD factor allowed
1.00
&MINCONFAC    Specifies minimum CONFAC factor allowed
0.04
&MAXCONFAC    Specifies maximum CONFAC factor allowed
1.00
&MINBPRCOEFF  Specifies minimum BPR coefficient allowed
0.0
&MAXBPRCOEFF  Specifies maximum BPR coefficient allowed
1.00
&MINBPREXP    Specifies minimum BPR exponent allowed
1.00
&MAXBPREXP    Specifies maximum BPR exponent allowed
10.00
&EMISTABLES   Tables on HTTAB file for intrazonal emissions (default =
1)
1
&ASCII         Outputs file HRLDXY.ASC (similar to NETCARD output)
YES
&VFACTORS     Required entry. YES must start in column one
YES
&DATABASE      Optional entry to enable database capability
NO
&DBCOOUT      When activated, writes database files for TASSIGN
~ DBC OUTPUT, INET
&MINUROADFAC  Specifies minimum UROAD factor allowed (Optional)
0.50
&MAXUROADFAC  Specifies maximum UROAD factor allowed
1.00
&MINCONFAC    Specifies minimum CONFAC factor allowed
0.04
&MAXCONFAC    Specifies maximum CONFAC factor allowed
1.00
&MINBPRCOEFF  Specifies minimum BPR coefficient allowed

```

0.0
&MAXBPRCOEFF Specifies maximum BPR coefficient allowed
1.00
&MINBPREXP Specifies minimum BPR exponent allowed
1.00
&MAXBPREXP Specifies maximum BPR exponent allowed
10.00
&EMISTABLES Tables on HTTAB file for intrazonal emissions (default =
1)
1
&ASCII Outputs file HRLDXY.ASC (similar to NETCARD output)
YES
&MODELCAP
~ MODEL CAPACITY
&COLORS
1,2,3,4,5,6,7,8
&ACTC REPORT TRANSIT TRIPS=0 for CENTERS, 1 FOR TAZs
1
&KTHROW ACTIVITY CENTER TEMP FILES, 1=KEEP, 0=DELETE
1
&STDZ2 STANDARD FSUTMSZ2, 1=TRUE, 0=RTA
1
&SELZONE SELECTED TAZ
1500
&DTBZERO
7000

YEAR 2000 EMIS.OUT

FLORIDA STANDARD URBAN TRANSPORTATION MODELING STRUCTURE --
 EMISSION MODEL FOR MOBILE 6 -- PROGRAM DATE: 16JAN02
 - RUN TIME: 11:10:15 16DEC04

 * MOBILE6.2 (31-Oct-2002) *
 * Input file: MOBILE6.IN (file 1, run 1). *

*These factors are for Southeast Florida only!

M603 Comment:

User has disabled the calculation of REFUELING emissions.

* #
 * SPEED = EPA default speed distribution

* File 1, Run 1, Scenario 1.

* #
 M 48 Warning:

there are no sales for vehicle class HDGV8b

Calendar Year: 2000
 Month: July
 Altitude: Low
 Minimum Temperature: 69.3 (F)
 Maximum Temperature: 91.2 (F)
 Absolute Humidity: 100. grains/lb
 Nominal Fuel RVP: 7.8 psi
 Weathered RVP: 7.5 psi
 Fuel Sulfur Content: 300. ppm

Exhaust I/M Program: No
 Evap I/M Program: No
 ATP Program: No
 Reformulated Gas: No

LDDT	Vehicle Type: HDDV	LDGV MC	LDGT12 All Veh	LDGT34	LDGT	HDGV	LDDV
	GVWR: -----		<6000 -----	>6000 -----	(All) -----		
0.0016	VMT Distribution: 0.0820	0.4841 0.0063	0.2894 1.0000	0.0996		0.0359	0.0011

Composite Emission Factors (g/mi):							
0.986	Composite VOC : 0.785	1.691 2.24	1.863 1.811	2.892	2.126	2.345	0.800
1.718	Composite CO : 4.101	18.38 16.25	23.08 20.777	35.90	26.36	32.91	1.784
1.740	Composite NOX : 18.055	1.206 1.06	1.320 2.810	1.629	1.399	5.271	1.806

Year = 2000

Vehicle VMT

Type	Distribution	
LDGV	0.4841	
LDGT12	0.2894	
LDGT34	0.0996	
LDGT	0.0000	
HDGV	0.0359	
LDDV	0.0011	
LDDT	0.0016	
HDDV	0.0820	
MC	0.0063	
All Veh	1.0000	
 Speeds:	1.0	65.0
VOC:	1.811	1.811
CO:	20.777	20.777
NOX:	2.810	2.810

INPUT CARD ECHO

INFO all reported values have been adjusted by EMISFAC = 0.9991

SCENARIO 1 MOBILE.TEM
 THE FOLLOWING IS A MATRIX WHICH ASSIGNS A SCENARIO TO EACH FT/AT COMBINATION
 AT=> 1 2 3 4 5

FT	1	2	3	4	5
1	1	1	1	1	1
2	1	1	1	1	1
3	1	1	1	1	1
4	1	1	1	1	1
5	1	1	1	1	1
6	1	1	1	1	1
7	1	1	1	1	1
8	1	1	1	1	1
9	1	1	1	1	1

INPUT COORDINATE SCALE(UNITS) FROM PROFILE.MAS IS 5280

INFO ALL REPORT VALUES ARE BEING ADJUSTED BY A FACTOR OF 0.9991

EMISSIONS IN GRAMS PER DAY

INFO all reported values have been adjusted by EMISFAC = 0.9991

- - - - -
 GEOGRAPHIC LOCATION NO 1

INFO all reported values have been adjusted by EMISFAC = 0.9991

FT	AT	VOC	CO	NOx
1	3	6060800.	69533552.	9404111.
1	4	4941224.	56689016.	7666946.
1	5	283583.	3253451.	440015.

2	3	7569565.	86843224.	11745170.
2	4	8160480.	93622472.	12662051.
2	5	217342.	2493495.	337234.
3	1	1708.	19599.	2651.
3	3	1196326.	13725046.	1856254.
3	4	1099660.	12616034.	1706263.
3	5	103496.	1187370.	160587.
4	3	2695036.	30919250.	4181695.
4	4	1100235.	12622630.	1707156.
4	5	79537.	912500.	123412.
5	3	1330568.	15265160.	2064550.
5	4	1121573.	12867453.	1740267.
5	5	142446.	1634241.	221024.
6	3	260478.	2988374.	404165.
6	4	615292.	7059044.	954705.
7	3	702290.	8057146.	1089694.
7	4	581046.	6666146.	901568.
7	5	38220.	438483.	59303.
8	3	421574.	4836578.	654127.
8	4	39082.	448380.	60641.
9	3	595037.	6826656.	923276.
9	4	21452.	246117.	33286.
9	5	1405152.	16120845.	2180275.

GL TOTAL 40783176.467892352. 63280484.
 (TONS) 44.92 515.30 69.69

- - - - -
 GEOGRAPHIC LOCATION NO 2

INFO all reported values have been adjusted by EMISFAC = 0.9991

FT	AT	VOC	CO	NOx
1	1	710850.	8155348.	1102976.
1	2	190442.	2184875.	295495.
1	3	3504975.	40211408.	5438421.
1	4	2336181.	26802226.	3624885.
2	1	391236.	4488516.	607052.
2	2	22681.	260216.	35193.
2	3	6437755.	73858144.	9989008.
2	4	6370172.	73082792.	9884138.
2	5	229387.	2631684.	355924.
3	1	163906.	1880442.	254322.
3	2	2765.	31727.	4291.
3	3	1740916.	19972950.	2701256.
3	4	717370.	8230145.	1113092.
3	5	205258.	2354851.	318484.
4	1	133113.	1527165.	206543.
4	2	15599.	178958.	24203.
4	3	2115770.	24273536.	3282889.
4	4	669071.	7676030.	1038150.
4	5	16972.	194709.	26334.
5	1	74073.	849816.	114934.
5	2	5803.	66572.	9004.
5	3	1043884.	11976124.	1619721.
5	4	576056.	6608900.	893825.

5	5	40144.	460556.	62288.
6	1	343555.	3941495.	533070.
6	2	15346.	176060.	23811.
6	3	128872.	1478508.	199962.
6	4	200033.	2294908.	310376.
7	1	216571.	2484648.	336038.
7	2	61593.	706632.	95569.
7	3	565886.	6492224.	878046.
7	4	253216.	2905066.	392898.
9	3	1421338.	16306542.	2205390.

GL TOTAL 30920794.354744128. 47977640.
 (TONS) 34.05 390.69 52.84

EMISSIONS IN GRAMS PER DAY

INFO all reported values have been adjusted by EMISFAC = 0.9991

- - - - -
 GEOGRAPHIC LOCATION NO 3

INFO all reported values have been adjusted by EMISFAC = 0.9991

FT	AT	VOC	CO	NOx
1	3	51133.	586627.	79339.
2	3	1503782.	17252390.	2333311.
2	4	1559359.	17890020.	2419549.
2	5	11929.	136861.	18510.
3	3	1471275.	16879444.	2282872.
3	4	54491.	625162.	84550.
3	5	551072.	6322261.	855059.
4	3	1038859.	11918482.	1611923.
4	4	208198.	2388584.	323046.
4	5	335771.	3852183.	520992.
5	3	530715.	6088716.	823473.
5	4	134634.	1544608.	208902.
5	5	163868.	1880000.	254262.
6	3	29242.	335481.	45372.
6	4	127016.	1457214.	197082.
7	3	19472.	223392.	30213.
9	3	2018066.	23152594.	3131288.
9	4	164414.	1886271.	255110.

GL TOTAL 9973286.114420272. 15474871.
 (TONS) 10.98 126.01 17.04

EMISSIONS IN GRAMS PER DAY

INFO all reported values have been adjusted by EMISFAC = 0.9991

- - - - -
ALL GEOGRAPHIC LOCATIONS

FT	AT	VOC	CO	NOx
1	1	710850.	8155348.	1102976.
1	2	190442.	2184875.	295495.
1	3	9616911.	110331584.	14921877.
1	4	7277405.	83491232.	11291833.
1	5	283583.	3253451.	440015.
2	1	391236.	4488516.	607052.
2	2	22681.	260216.	35193.
2	3	15511094.	177953760.	24067462.
2	4	16090004.	184595456.	24965702.
2	5	458659.	5262041.	711668.
3	1	165615.	1900041.	256972.
3	2	2765.	31727.	4291.
3	3	4408517.	50577488.	6840388.
3	4	1871521.	21471332.	2903907.
3	5	859825.	9864482.	1334128.
4	1	133113.	1527165.	206543.
4	2	15599.	178958.	24203.
4	3	5849666.	67111248.	9076508.
4	4	1977504.	22687256.	3068350.
4	5	432279.	4959390.	670737.
5	1	74073.	849816.	114934.
5	2	5803.	66572.	9004.
5	3	2905167.	33330062.	4507736.
5	4	1832263.	21020972.	2842994.
5	5	346458.	3974798.	537574.
6	1	343555.	3941495.	533070.
6	2	15346.	176060.	23811.
6	3	418592.	4802362.	649499.
6	4	942341.	10811165.	1462163.
7	1	216571.	2484648.	336038.
7	2	61593.	706632.	95569.
7	3	1287648.	14772757.	1997952.
7	4	834262.	9571210.	1294464.
7	5	38220.	438483.	59303.
8	3	421574.	4836578.	654127.
8	4	39082.	448380.	60641.
9	3	4034441.	46285816.	6259954.
9	4	185867.	2132389.	288396.
9	5	1405152.	16120845.	2180275.
SUM		81677272.	937055808.	126732864.
(TONS)		89.95	1032.00	139.57

EMISSIONS IN GRAMS PER DAY

INFO all reported values have been adjusted by EMISFAC = 0.9991

FACILITY

	TYPE	VOC	CO	NOx
1	18079186.207416480.	28052186.		
2	32473696.372559936.	50387216.		
3	7308234.83845096.	11339701.		
4	8408164.96464096.	13046346.		
5	5163761.59242084.	8012259.		
6	1719833.19731074.	2668543.		
7	2438292.27973734.	3783329.		
8	460656.5284958.	714768.		
9	5625458.64539036.	8728624.		
SUM	81677272.937055808.	126732864.		
(TONS)	89.95	1032.00	139.57	

AREA

	TYPE	VOC	CO	NOx
1	2035012.23347004.	3157585.		
2	314229.3605041.	487566.		
3	44453552.510001088.	68975616.		
4	31050296.356229536.	48178560.		
5	3824178.43873560.	5933697.		
SUM	81677272.937055808.	126732864.		
(TONS)	89.95	1032.00	139.57	

NUMBER

	LANES	VOC	CO	NOx
1	17842382.204699264.	27684668.		
2	28742184.329749760.	44597160.		
3	24002126.275368384.	37242372.		
4	9465321.108592440.	14686667.		
5	1177612.13510351.	1827217.		
6	447716.5136499.	694689.		
SUM	81677272.937055808.	126732864.		
(TONS)	89.95	1032.00	139.57	

DAILY VEHICLE MILES

INFO all reported values have been adjusted by EMISFAC = 0.9991

- - - - -
DAILY VMT - GEOGRAPHIC LOCATION NO 1:

INFO all reported values have been adjusted by EMISFAC = 0.9991

FT	AREA TYPES					TOTAL
	1	2	3	4	5	
1	0.	0.	3346660.	2728450.	156589.	6231698.
2	0.	0.	4179776.	4506066.	120012.	8805854.
3	943.	0.	660588.	607211.	57148.	1325891.
4	0.	0.	1488149.	607529.	43919.	2139596.
5	0.	0.	734714.	619312.	78656.	1432682.
6	0.	0.	143831.	339753.	0.	483584.
7	0.	0.	387791.	320842.	21104.	729738.
8	0.	0.	232785.	21581.	0.	254366.
9	0.	0.	328568.	11846.	775899.	1116312.
GL TOTAL	943.	0.	11502874.	9762576.	1253328.	22519720.

- - - - -
DAILY VMT - GEOGRAPHIC LOCATION NO 2:

INFO all reported values have been adjusted by EMISFAC = 0.9991

FT	AREA TYPES					TOTAL
	1	2	3	4	5	
1	392518.	105158.	1935381.	1289995.	0.	3723052.
2	216033.	12524.	3554806.	3517486.	126663.	7427512.
3	90506.	1527.	961301.	396118.	113339.	1562791.
4	73503.	8613.	1168289.	369448.	9371.	1629225.
5	40902.	3204.	576413.	318087.	22167.	960773.
6	189705.	8474.	71161.	110454.	0.	379794.
7	119586.	34010.	312472.	139821.	0.	605890.
8	0.	0.	0.	0.	0.	0.
9	0.	0.	784836.	0.	0.	784836.
GL TOTAL	1122752.	173511.	9364665.	6141412.	271541.	17073880.

- - - - -
DAILY VMT - GEOGRAPHIC LOCATION NO 3:

INFO all reported values have been adjusted by EMISFAC = 0.9991

FT	AREA TYPES					TOTAL
	1	2	3	4	5	
1	0.	0.	28234.	0.	0.	28234.
2	0.	0.	830360.	861049.	6587.	1697995.
3	0.	0.	812410.	30089.	304291.	1146790.
4	0.	0.	573638.	114963.	185406.	874007.

5	0.	0.	293051.	74342.	90485.	457878.
6	0.	0.	16147.	70136.	0.	86283.
7	0.	0.	10752.	0.	0.	10752.
8	0.	0.	0.	0.	0.	0.
9	0.	0.	1114338.	90787.	0.	1205124.
GL TOTAL	0.	0.	3678932.	1241365.	586768.	5507066.

DAILY VEHICLE MILES

INFO all reported values have been adjusted by EMISFAC = 0.9991

DAILY VMT - ALL GEOGRAPHIC LOCATIONS

----- AREA TYPES -----

FT	1	2	3	4	5	TOTAL
1	392518.	105158.	5310276.	4018446.	156589.	9982987.
2	216033.	12524.	8564949.	8884603.	253263.	17931370.
3	91449.	1527.	2434302.	1033418.	474779.	4035475.
4	73503.	8613.	3230079.	1091940.	238696.	4642832.
5	40902.	3204.	1604178.	1011742.	191308.	2851333.
6	189705.	8474.	231138.	520343.	0.	949660.
7	119586.	34010.	711015.	460664.	21104.	1346380.
8	0.	0.	232785.	21581.	0.	254366.
9	0.	0.	2227742.	102632.	775899.	3106272.
TOTAL	1123696.	173511.	24546488.	17145366.	2111639.	45100700.

DAILY VMT
FACILITY
TYPE

1	9982987.
2	17931330.
3	4035474.
4	4642822.
5	2851329.
6	949661.
7	1346379.
8	254366.
9	3106274.

TOTAL 45100580.

DAILY VMT
AREA
TYPE

1	1123696.
2	173511.
3	24546488.
4	17145366.
5	2111639.

TOTAL 45100580.

DAILY VMT

NUMBER

LANES

1	9852199.
2	15870889.
3	13253519.
4	5226566.
5	650255.
6	247220.

TOTAL 45100580.

DAILY VEHICLE HOURS

INFO all reported values have been adjusted by EMISFAC = 0.9991

DAILY VHT - GEOGRAPHIC LOCATION NO 1

INFO all reported values have been adjusted by EMISFAC = 0.9991

FT	AREA TYPES					TOTAL
	1	2	3	4	5	
1	0.	0.	89893.	85076.	2493.	177463.
2	0.	0.	179961.	235912.	2593.	418466.
3	51.	0.	29362.	30298.	1134.	60845.
4	0.	0.	61525.	35881.	2525.	99932.
5	0.	0.	42096.	40263.	1682.	84040.
6	0.	0.	5893.	15604.	0.	21498.
7	0.	0.	21029.	17519.	464.	39012.
8	0.	0.	6765.	474.	0.	7239.
9	0.	0.	21369.	420.	21454.	43243.
GL TOTAL	51.	0.	457894.	461448.	32345.	951737.

DAILY VHT - GEOGRAPHIC LOCATION NO 2

INFO all reported values have been adjusted by EMISFAC = 0.9991

FT	AREA TYPES					TOTAL
	1	2	3	4	5	
1	10384.	2406.	58329.	57902.	0.	129022.
2	14918.	357.	167077.	223547.	2811.	408711.
3	4988.	54.	58847.	33322.	2632.	99844.
4	4149.	534.	63236.	28494.	242.	96655.
5	4058.	256.	36080.	21036.	718.	62149.
6	13013.	656.	3977.	7505.	0.	25151.
7	6126.	1240.	12763.	6116.	0.	26245.
8	0.	0.	0.	0.	0.	0.

9	0.	0.	38749.	0.	0.	38749.
GL TOTAL	57637.	5504.	439059.	377922.	6403.	886525.
-----						-----
DAILY VHT - GEOGRAPHIC LOCATION NO						3

INFO all reported values have been adjusted by EMISFAC = 0.9991

----- AREA TYPES -----						
FT	1	2	3	4	5	TOTAL
1	0.	0.	586.	0.	0.	586.
2	0.	0.	30776.	34178.	140.	65094.
3	0.	0.	31933.	1119.	7174.	40226.
4	0.	0.	21136.	5196.	4904.	31236.
5	0.	0.	18333.	4954.	2547.	25835.
6	0.	0.	789.	2860.	0.	3649.
7	0.	0.	416.	0.	0.	416.
8	0.	0.	0.	0.	0.	0.
9	0.	0.	35825.	2025.	0.	37850.
GL TOTAL	0.	0.	139795.	50332.	14765.	204892.

DAILY VEHICLE HOURS

INFO all reported values have been adjusted by EMISFAC = 0.9991

----- DAILY VHT - ALL GEOGRAPHIC LOCATIONS -----						
----- AREA TYPES -----						
FT	1	2	3	4	5	TOTAL
1	10384.	2406.	148808.	142979.	2493.	307070.
2	14918.	357.	377815.	493636.	5544.	892271.
3	5039.	54.	120143.	64739.	10940.	200914.
4	4149.	534.	145898.	69571.	7671.	227822.
5	4058.	256.	96509.	66254.	4947.	172024.
6	13013.	656.	10659.	25969.	0.	50297.
7	6126.	1240.	34208.	23635.	464.	65673.
8	0.	0.	6765.	474.	0.	7239.
9	0.	0.	95944.	2445.	21454.	119842.
TOTAL	57688.	5504.	1036748.	889702.	53513.	2043154.

DAILY VHT
FACILITY
TYPE

1	307070.
2	892270.
3	200914.
4	227822.
5	172024.
6	50297.

7 65673.
 8 7239.
 9 119842.

TOTAL 2043160.

 DAILY VHT
 AREA
 TYPE

1 57688.
 2 5504.
 3 1036748.
 4 889702.
 5 53513.

TOTAL 2043160.

 DAILY VHT
 NUMBER
 LANES

1 565960.
 2 695923.
 3 594898.
 4 165354.
 5 15124.
 6 5894.

TOTAL 2043160.

AVERAGE CONGESTED SPEED (mph)

INFO all reported values have been adjusted by EMISFAC = 0.9991

 AVERAGE SPEED - GEOGRAPHIC LOCATION NO 1

INFO all reported values have been adjusted by EMISFAC = 0.9991

FT	----- AREA TYPES -----				
	1	2	3	4	5
1	0.00	0.00	37.23	32.07	62.80
2	0.00	0.00	23.23	19.10	46.29
3	18.57	0.00	22.50	20.04	50.39
4	0.00	0.00	24.19	16.93	17.39
5	0.00	0.00	17.45	15.38	46.77
6	0.00	0.00	24.41	21.77	0.00
7	0.00	0.00	18.44	18.31	45.50
8	0.00	0.00	34.41	45.51	0.00
9	0.00	0.00	15.38	28.20	36.17
GL TOTAL	18.57	0.00	25.12	21.16	38.75

- - - - -
AVERAGE SPEED - GEOGRAPHIC LOCATION NO 2

INFO all reported values have been adjusted by EMISFAC = 0.9991

FT	AREA TYPES				
	1	2	3	4	5
1	37.80	43.71	33.18	22.28	0.00
2	14.48	35.08	21.28	15.73	45.05
3	18.14	28.20	16.34	11.89	43.07
4	17.72	16.13	18.48	12.97	38.70
5	10.08	12.50	15.98	15.12	30.87
6	14.58	12.91	17.89	14.72	0.00
7	19.52	27.43	24.48	22.86	0.00
8	0.00	0.00	0.00	0.00	0.00
9	0.00	0.00	20.25	0.00	0.00
GL TOTAL	19.48	31.53	21.33	16.25	42.41

- - - - -
AVERAGE SPEED - GEOGRAPHIC LOCATION NO 3

INFO all reported values have been adjusted by EMISFAC = 0.9991

FT	AREA TYPES				
	1	2	3	4	5
1	0.00	0.00	48.17	0.00	0.00
2	0.00	0.00	26.98	25.19	47.04
3	0.00	0.00	25.44	26.89	42.42
4	0.00	0.00	27.14	22.13	37.81
5	0.00	0.00	15.98	15.01	35.52
6	0.00	0.00	20.46	24.52	0.00
7	0.00	0.00	25.87	0.00	0.00
8	0.00	0.00	0.00	0.00	0.00
9	0.00	0.00	31.10	44.84	0.00
GL TOTAL	0.00	0.00	26.32	24.66	39.74

AVERAGE CONGESTED SPEED (mph)

INFO all reported values have been adjusted by EMISFAC = 0.9991

- - - - -
AVERAGE SPEED - ALL GEOGRAPHIC LOCATIONS

FT	AREA TYPES				
	1	2	3	4	5
1	37.80	43.71	35.69	28.11	62.80
2	14.48	35.08	22.67	18.00	45.68
3	18.15	28.20	20.26	15.96	43.40
4	17.72	16.13	22.14	15.70	31.11
5	10.08	12.50	16.62	15.27	38.67
6	14.58	12.91	21.68	20.04	0.00

7	19.52	27.43	20.79	19.49	45.50
8	0.00	0.00	34.41	45.51	0.00
9	0.00	0.00	23.22	41.98	36.17
TOTAL	19.48	31.53	23.68	19.27	39.46

AVERAGE SPEED
FACILITY
TYPE

1	32.51
2	20.10
3	20.09
4	20.38
5	16.58
6	18.88
7	20.50
8	35.14
9	25.92
TOTAL	22.07

AVERAGE SPEED
AREA
TYPE

1	19.48
2	31.53
3	23.68
4	19.27
5	39.46
TOTAL	22.07

AVERAGE SPEED
NUMBER
LANES

1	17.41
2	22.81
3	22.28
4	31.61
5	42.99
6	41.95
TOTAL	22.07

YEAR 2000 HEVAL.OUT

FLORIDA D.O.T.
PAGE NO. 1
FSUTMS
DATE 16DEC04
VER 5.50
TIME 11:00:45

miami

HIGHWAY ASSIGNMENT

"HELABELS.SYN" CONTENTS:

LABEL FT 11	1	1	FREEWAY	FREEWAY
LABEL FT 12	1	1		
LABEL FT 15	1	1		
LABEL FT 16	1	1		
LABEL FT 17	1	1		
LABEL FT 21	2	2	D. ART	DIV. ARTERIAL
LABEL FT 22	2	2		
LABEL FT 23	2	2		
LABEL FT 24	2	2		
LABEL FT 25	2	2		
LABEL FT 31	3	3	U. ART	UNDIV. ARTERIAL
LABEL FT 32	3	3		
LABEL FT 33	3	3		
LABEL FT 34	3	3		
LABEL FT 35	3	3		
LABEL FT 36	3	3		
LABEL FT 37	3	3		
LABEL FT 38	3	3		
LABEL FT 41	4	4	COLLCTR	COLLECTOR
LABEL FT 42	4	4		
LABEL FT 43	4	4		
LABEL FT 44	4	4		
LABEL FT 45	4	4		
LABEL FT 46	4	4		
LABEL FT 47	4	4		
LABEL FT 48	4	4		
LABEL FT 51	5	5	LOCAL	CENTROID CONN.
LABEL FT 52	5	5		
LABEL FT 61	6	6	1 WAY	ONE WAY
LABEL FT 62	6	6		
LABEL FT 63	6	6		
LABEL FT 64	6	6		
LABEL FT 65	6	6		
LABEL FT 66	6	6		
LABEL FT 67	6	6		
LABEL FT 68	6	6		
LABEL FT 71	7	7	RAMP	RAMPS
LABEL FT 72	7	7		
LABEL FT 73	7	7		
LABEL FT 74	7	7		
LABEL FT 75	7	7		
LABEL FT 76	7	7		
LABEL FT 77	7	7		
LABEL FT 78	7	7		
LABEL FT 79	7	7		
LABEL FT 81	8	8	HOV	HOV
LABEL FT 82	8	8		
LABEL FT 83	8	8		
LABEL FT 84	8	8		

"HELABELS.SYN" CONTENTS:

LABEL	FT	85	8	8	
LABEL	FT	86	8	8	
LABEL	FT	87	8	8	
LABEL	FT	88	8	8	
LABEL	FT	89	8	8	
LABEL	FT	91	9	9 TOLL	TOLL
LABEL	FT	92	9	9	
LABEL	FT	93	9	9	
LABEL	FT	94	9	9	
LABEL	FT	95	9	9	
LABEL	FT	96	9	9	
LABEL	FT	97	9	9	
LABEL	FT	98	9	9	
LABEL	FT	99	9	9	
LABEL	AT	11	1	1 CBD	CBD
LABEL	AT	12	1	1	
LABEL	AT	13	1	1	
LABEL	AT	14	1	1	
LABEL	AT	21	2	2 FRINGE	FRINGE
LABEL	AT	31	3	3 RESID.	RESIDENTIAL
LABEL	AT	32	3	3	
LABEL	AT	33	3	3	
LABEL	AT	34	3	3	
LABEL	AT	41	4	4 OBD	OBD
LABEL	AT	42	4	4	
LABEL	AT	43	4	4	
LABEL	AT	44	4	4	
LABEL	AT	51	5	5 RURAL	RURAL
LABEL	AT	52	5	5	

FACILITY TYPES SELECTED:

FACILITY TYPES SKIPPED:

1	2	3	4	5	6	7	8	9	10
11	12	13	14	15	16	17	18	19	20
21	22	23	24	25	26	27	28	29	30
31	32	33	34	35	36	37	38	39	40
41	42	43	44	45	46	47	48	49	50
51	52	53	54	55	56	57	58	59	60
61	62	63	64	65	66	67	68	69	70
71	72	73	74	75	76	77	78	79	80
81	82	83	84	85	86	87	88	89	90
91	92	93	94	95	96	97	98	99	

AREA TYPES SELECTED:

AREA TYPES SKIPPED:

1	2	3	4	5	6	7	8	9	10
11	12	13	14	15	16	17	18	19	20
21	22	23	24	25	26	27	28	29	30
31	32	33	34	35	36	37	38	39	40
41	42	43	44	45	46	47	48	49	50
51	52	53	54	55	56	57	58	59	60
61	62	63	64	65	66	67	68	69	70
71	72	73	74	75	76	77	78	79	80
81	82	83	84	85	86	87	88	89	90
91	92	93	94	95	96	97	98	99	
*****	*****	*****	*****	*****	*****	*****	*****	*****	*** * *
* * *	*	*	*	*	*	*	*	*	* * * *
* * ****	*** *	****	*	****	*	****	*	*	* * * *
* * *	*	*	*	*	*	*	*	*	* * * *
*****	*****	*****	*****	*	*	*****	*	*****	*** * *

HEVAL MODULE (D5520931.DRIVER.SETUP.FORT(HEVAL))

A GENERAL PURPOSE HIGHWAY EVALUATION PROGRAM DESIGNED TO PROVIDE THE TRANSPORTATION PLANNER WITH A TOOL TO EVALUATE A HIGHWAY ASSIGNMENT. THE PROGRAM OPERATES IN TWO MODES. ONE MODE ALLOWS THE USER TO PRINT A VARIETY OF REPORTS DESIGNED TO ASSIST IN THE TASK OF MODEL VALIDATION. THIS MODE IS REFERRED TO INTERNALLY AS VALIDATION AND IS SET BY THE USER WITH A STATEMENT - "VALIDATE=T". THE OTHER MODE IS AS AN ASSIGNMENT ANALYSIS TOOL. THIS MODE IS GENERALLY USED FOR ASSIGNMENTS TO FUTURE YEAR NETWORKS. THIS MODE IS SET BY THE USER WITH A STATEMENT "ANALYSIS=T".

INPUT DATA FOR THIS RUN:

USES HRLDXY FILE AS DATA SOURCE
RATES=1979 UROAD AND CUTS RATES

OUTPUT DATA SETS FOR THIS RUN:

PRINTOUT ONLY

DATE AND TIME OF THIS RUN:

16DEC04 (DDMMYY) 11:00:45 (HH.MM.SS)

TYPE OF RUN:

ANALYSIS

FACILITY AND AREA TYPES AS DEFINED IN THE HNET MODULE:

FACILITY TYPE 1 - FREEWAYS
FACILITY TYPE 2 - EXPRESSWAYS AND DIVIDED ARTERIALS
FACILITY TYPE 3 - UNDIVIDED ARTERIALS
FACILITY TYPE 4 - COLLECTORS
FACILITY TYPE 5 - LOCALS (CENTROID CONNECTORS) - NOT INCLUDED
FACILITY TYPE 6 - ONE WAYS
FACILITY TYPE 8 - HOV LINKS
FACILITY TYPE 9 - TOLL RAMPS

AREA TYPE 1 - CBD
AREA TYPE 2 - FRINGE
AREA TYPE 3 - RESIDENTIAL
AREA TYPE 4 - OBD
AREA TYPE 5 - RURAL

LANE VALUES REPORTED ARE TRUE LANE VALUES.

THE FOLLOWING RATES ARE USED IN THE VARIOUS CALCULATIONS:

ACCIDENT RATES: FREEWAYS - 1.060 PER MILLION VEHICLE MILES
 ARTERIALS - 5.830 PER MILLION VEHICLE MILES
 LOCALS - 8.630 PER MILLION VEHICLE MILES

INJURY RATES : FREEWAYS - 0.730 PER MILLION VEHICLE MILES
 ARTERIALS - 3.850 PER MILLION VEHICLE MILES
 LOCALS - 3.490 PER MILLION VEHICLE MILES

FATALITY RATES: FREEWAYS - 0.009 PER MILLION VEHICLE MILES
ARTERIALS - 0.019 PER MILLION VEHICLE MILES
LOCALS - 0.018 PER MILLION VEHICLE MILES

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CARBON MONOXIDE EMISSIONS (GRAMS PER VEHICLE MILE)												
SPEED			FT 1	FT 2	FT 3	FT 4	FT 5	FT 6	FT 7	FT 8	FT 9	
FT	8	3	FT	9	3	FT	3	3	FT	7	3	
LT	20	3	37.73	37.73	37.73	37.73	37.73	37.73	37.73	37.73	37.73	
37.73	37.73	3										
20	-	25	3	27.77	27.77	27.77	27.77	27.77	27.77	27.77	27.77	
27.77	27.77	3										
25	-	30	3	21.82	21.82	21.82	21.82	21.82	21.82	21.82	21.82	
21.82	21.82	3										
30	-	35	3	17.72	17.72	17.72	17.72	17.72	17.72	17.72	17.72	
17.72	17.72	3										
35	-	40	3	14.74	14.74	14.74	14.74	14.74	14.74	14.74	14.74	
14.74	14.74	3										
40	-	45	3	12.49	12.49	12.49	12.49	12.49	12.49	12.49	12.49	
12.49	12.49	3										
45	-	50	3	10.76	10.76	10.76	10.76	10.76	10.76	10.76	10.76	
10.76	10.76	3										
50	-	55	3	10.64	10.64	10.64	10.64	10.64	10.64	10.64	10.64	
10.64	10.64	3										
55	-	60	3	12.84	12.84	12.84	12.84	12.84	12.84	12.84	12.84	
12.84	12.84	3										
GE	60	3	17.23	17.23	17.23	17.23	17.23	17.23	17.23	17.23	17.23	
17.23	17.23	3										

HYDROCARBON EMISSIONS (GRAMS PER VEHICLE MILES)												
SPEED			FT 1	FT 2	FT 3	FT 4	FT 5	FT 6	FT 7	FT 8	FT 9	
FT	8	3	FT	9	3	FT	3	3	FT	7	3	
LT	20	3	2.30	2.30	2.30	2.30	2.30	2.30	2.30	2.30	2.30	
2.30	2.30	3										
20	-	25	3	1.73	1.73	1.73	1.73	1.73	1.73	1.73	1.73	
1.73	1.73	3										
25	-	30	3	1.47	1.47	1.47	1.47	1.47	1.47	1.47	1.47	
1.47	1.47	3										
30	-	35	3	1.29	1.29	1.29	1.29	1.29	1.29	1.29	1.29	
1.29	1.29	3										
35	-	40	3	1.16	1.16	1.16	1.16	1.16	1.16	1.16	1.16	
1.16	1.16	3										

³	40	-	45	³	1.05	1.05	1.05	1.05	1.05	1.05	1.05
1.05			1.05	³							
³	45	-	50	³	0.97	0.97	0.97	0.97	0.97	0.97	0.97
0.97			0.97	³							
³	50	-	55	³	0.95	0.95	0.95	0.95	0.95	0.95	0.95
0.95			0.95	³							
³	55	-	60	³	0.98	0.98	0.98	0.98	0.98	0.98	0.98
0.98			0.98	³							
³	GE	60	³	1.07	1.07	1.07	1.07	1.07	1.07	1.07	1.07
1.07		1.07	³								

OXIDES OF NITROGEN EMISSIONS (GRAMS PER VEHICLE MILE)

³	SPEED	³	FT	1	³	FT	2	³	FT	3	³	FT	4	³	FT	5	³	FT	6	³	FT	7	³					
FT	8	³	FT	9	³																							
³		³			³			³			³			³			³			³			³					
³		³			³			³			³			³			³			³			³					
1.99	³	LT	20	³	1.99	1.99	1.99	1.99	1.99	1.99	1.99	1.99	1.99	1.99	1.99	1.99	1.99	1.99	1.99	1.99	1.99	1.99	1.99					
1.89	³	20	-	25	³	1.89	1.89	1.89	1.89	1.89	1.89	1.89	1.89	1.89	1.89	1.89	1.89	1.89	1.89	1.89	1.89	1.89	1.89	1.89				
1.88	³	25	-	30	³	1.88	1.88	1.88	1.88	1.88	1.88	1.88	1.88	1.88	1.88	1.88	1.88	1.88	1.88	1.88	1.88	1.88	1.88	1.88				
1.89	³	30	-	35	³	1.89	1.89	1.89	1.89	1.89	1.89	1.89	1.89	1.89	1.89	1.89	1.89	1.89	1.89	1.89	1.89	1.89	1.89	1.89				
1.91	³	35	-	40	³	1.91	1.91	1.91	1.91	1.91	1.91	1.91	1.91	1.91	1.91	1.91	1.91	1.91	1.91	1.91	1.91	1.91	1.91	1.91	1.91			
1.94	³	40	-	45	³	1.94	1.94	1.94	1.94	1.94	1.94	1.94	1.94	1.94	1.94	1.94	1.94	1.94	1.94	1.94	1.94	1.94	1.94	1.94	1.94	1.94		
1.99	³	45	-	50	³	1.99	1.99	1.99	1.99	1.99	1.99	1.99	1.99	1.99	1.99	1.99	1.99	1.99	1.99	1.99	1.99	1.99	1.99	1.99	1.99	1.99		
2.25	³	50	-	55	³	2.25	2.25	2.25	2.25	2.25	2.25	2.25	2.25	2.25	2.25	2.25	2.25	2.25	2.25	2.25	2.25	2.25	2.25	2.25	2.25	2.25	2.25	
2.56	³	55	-	60	³	2.56	2.56	2.56	2.56	2.56	2.56	2.56	2.56	2.56	2.56	2.56	2.56	2.56	2.56	2.56	2.56	2.56	2.56	2.56	2.56	2.56	2.56	
2.92	³	GE	60	³	2.92	2.92	2.92	2.92	2.92	2.92	2.92	2.92	2.92	2.92	2.92	2.92	2.92	2.92	2.92	2.92	2.92	2.92	2.92	2.92	2.92	2.92	2.92	2.92

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FUEL USE (GALLONS PER MILE)

	SPEED	FT 1	FT 2	FT 3	FT 4	FT 5	FT 6	FT 7
FT 8	FT 9							
0.06	LT 20	0.06	0.06	0.06	0.06	0.06	0.06	0.06
0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.06
0.06	20 - 25	0.06	0.06	0.06	0.06	0.06	0.06	0.06
0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.06
0.06	25 - 30	0.06	0.06	0.06	0.06	0.06	0.06	0.06
0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.06
0.06	30 - 35	0.06	0.06	0.06	0.06	0.06	0.06	0.06
0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.06
0.06	35 - 40	0.06	0.06	0.06	0.06	0.06	0.06	0.06
0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.06
0.06	40 - 45	0.06	0.06	0.06	0.06	0.06	0.06	0.06
0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.06
0.06	45 - 50	0.06	0.06	0.06	0.06	0.06	0.06	0.06
0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.06
0.06	50 - 55	0.06	0.06	0.06	0.06	0.06	0.06	0.06
0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.06
0.06	55 - 60	0.06	0.06	0.06	0.06	0.06	0.06	0.06
0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.06
0.06	60 - 65	0.06	0.06	0.06	0.06	0.06	0.06	0.06
0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.06
0.06	GE 65	0.06	0.06	0.06	0.06	0.06	0.06	0.06
0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.06

EVAL USES CONSTRUCTION CODES TO CALCULATE NEW AND IMPROVED LANE MILES AND CONSTRUCTION COSTS. THE CODE DEFINITIONS ARE:

CODE

- 1 - ADD 2 LANES, FT REMAINS SAME (ONE WAY - ADD 1 LANE)
- 2 - ADD 4 LANES, FT REMAINS SAME (ONE WAY - ADD 2 LANES)
- 3 - ADD 6 LANES, FT REMAINS SAME (ONE WAY - ADD 3 LANES)
- 4 - ADD 2 LANES, UPGRADE FT BY 1
- 5 - ADD 2 LANES, UPGRADE FT BY 2
- 6 - ADD 4 LANES, UPGRADE FT BY 1
- 7 - NEW CONSTRUCTION - 2 LANES (ONE WAY - 1 LANE)
- 8 - NEW CONSTRUCTION - 4 LANES (ONE WAY - 2 LANES)
- 9 - NEW CONSTRUCTION - 6 LANES (ONE WAY - 3 LANES)
- 0 - NO NEW CONSTRUCTION

CONSTRUCTION COST : THOUSAND DOLLARS PER MILE

		FT 3	FT 3	FT 1	FT 3	FT 2	FT 3	FT 3	FT 4	FT 3	FT 5	FT 3	FT 6	FT 3	FT 7	FT 3
FT 8	3	FT 9	3	CODE	3		3		3		3		3		3	
1901.00	1901.00	1901.00	3	3	2628.00	2628.00	3	2713.00	2713.00	3	2059.00	2059.00	3	2628.00	2628.00	3
2628.00	2628.00	2628.00	3	3	2713.00	2713.00	3	2713.00	2713.00	3	2059.00	2059.00	3	2628.00	2628.00	3
2713.00	2713.00	2713.00	3	4	0.00	0.00	3	0.00	0.00	3	0.00	0.00	3	0.00	0.00	3
0.00	0.00	0.00	3	5	0.00	0.00	3	0.00	0.00	3	0.00	0.00	3	0.00	0.00	3
0.00	0.00	0.00	3	6	0.00	0.00	3	0.00	0.00	3	0.00	0.00	3	0.00	0.00	3
0.00	0.00	0.00	3	7	0.00	0.00	3	0.00	0.00	3	0.00	0.00	3	0.00	0.00	3
0.00	0.00	0.00	3	8	2059.00	2059.00	3	2059.00	2059.00	3	2628.00	2628.00	3	2628.00	2628.00	3
2059.00	2059.00	2059.00	3	9	2628.00	2628.00	3	2628.00	2628.00	3	2218.00	2218.00	3	2218.00	2218.00	3
2628.00	2628.00	2628.00	3													

HIGHWAY EVALUATION -- YEAR/ALT (a00) -- REPORT: TOTAL SYSTEM MILES

	CBD	FRINGE	RESID.	OBD	RURAL	Total
FREEWAY	6.14	1.68	90.04	55.51	2.03	155.40
D. ART	5.85	0.47	265.46	216.82	19.39	507.99
U. ART	6.34	0.20	163.88	47.66	61.60	279.68
COLLCTR	7.04	0.85	343.28	77.09	122.47	550.73
1 WAY	16.85	1.18	19.24	32.92	0.00	70.19
RAMP	6.72	1.88	51.74	30.63	2.02	92.99
HOV	0.00	0.00	22.61	3.27	0.00	25.88
TOLL	0.00	0.00	91.64	4.39	37.48	133.51
Totals	48.94	6.26	1047.89	468.29	244.99	1816.37

HIGHWAY EVALUATION -- YEAR/ALT (a00) -- REPORT: TOTAL LANE MILES

	CBD	FRINGE	RESID.	OBD	RURAL	Total
FREEWAY	21.36	5.72	306.08	187.24	10.40	530.80
D. ART	25.67	2.32	1174.31	1038.73	78.38	2319.41
U. ART	18.53	0.40	383.64	146.22	123.52	672.31
COLLCTR	17.69	1.70	831.60	208.78	259.50	1319.27
1 WAY	45.27	2.53	46.79	85.64	0.00	180.23
RAMP	9.49	2.71	71.09	38.18	3.30	124.77
HOV	0.00	0.00	22.61	3.27	0.00	25.88
TOLL	0.00	0.00	217.93	8.44	73.72	300.09
Totals	138.01	15.38	3054.05	1716.50	548.82	5472.76

HIGHWAY EVALUATION -- YEAR/ALT (a00) -- REPORT: TOTAL DIRECTIONAL SYSTEM MILES

	CBD	FRINGE	RESID.	OBD	RURAL	Total
FREEWAY	6.14	1.68	94.45	55.51	2.60	160.38
D. ART	11.70	0.94	530.92	433.64	38.78	1015.98
U. ART	12.66	0.40	327.76	95.32	123.20	559.34
COLLCTR	14.08	1.70	686.56	154.18	244.94	1101.46
1 WAY	16.85	1.18	19.24	32.92	0.00	70.19
RAMP	6.72	1.88	53.46	30.89	2.02	94.97
HOV	0.00	0.00	22.61	3.27	0.00	25.88
TOLL	0.00	0.00	92.05	4.39	37.48	133.92
Totals	68.15	7.78	1827.05	810.12	449.02	3162.12

HIGHWAY EVALUATION -- YEAR/ALT (a00) -- REPORT: AVERAGE LINK LENGTH USING SYSTEM MILES

	CBD	FRINGE	RESID.	OBD	RURAL	Total
FREEWAY	0.18	0.13	0.33	0.32	0.41	0.31
D. ART	0.11	0.09	0.25	0.20	0.38	0.22
U. ART	0.10	0.10	0.27	0.19	0.71	0.28
COLLCTR	0.09	0.08	0.25	0.21	0.50	0.27
1 WAY	0.06	0.07	0.21	0.23	0.00	0.13
RAMP	0.10	0.09	0.12	0.09	0.11	0.10
HOV	0.00	0.00	0.22	0.16	0.00	0.21
TOLL	0.00	0.00	0.25	0.15	0.66	0.30
Totals	0.09	0.09	0.24	0.19	0.53	0.23

HIGHWAY EVALUATION -- YEAR/ALT (a00) -- REPORT: TOTAL VMT USING VOLUMES ON LINKS WITH CAPACITIES

	CBD	FRINGE	RESID.	OBD	RURAL	Total
FREEWAY	392880	105255	5315165	4022145	156733	9992177
D. ART	216232	12536	8572829	8892784	253496	17947876
U. ART	91533	1528	2436540	1034370	475216	4039189
COLLCTR	73570	8621	3233050	1092946	238916	4647103
1 WAY	189879	8482	231351	520822	0	950534
RAMP	119697	34042	711670	461088	21124	1347620
HOV	0	0	233000	21600	0	254600
TOLL	0	0	2229794	102727	776613	3109134
Totals	1083791	170464	22963398	16148483	1922098	42288232

HIGHWAY EVALUATION -- YEAR/ALT (a00) -- REPORT: TOTAL VMT USING CAPACITY

	CBD	FRINGE	RESID.	OBD	RURAL	Total
FREEWAY	412177	110536	5708526	3508877	188443	9928559
D. ART	211054	20539	10448986	8893394	1074575	20648548
U. ART	139427	2574	2822583	1105346	1435853	5505784
COLLCTR	105269	9817	4936202	1271978	1622907	7946172
1 WAY	329139	20371	367735	673305	0	1390551
RAMP	147175	41606	1073877	577474	40676	1880808
HOV	0	0	424030	61313	0	485342
TOLL	0	0	4016234	153136	1279299	5448669
Totals	1344242	205443	29798172	16244822	5641752	53234432

HIGHWAY EVALUATION -- YEAR/ALT (a00) -- REPORT: RATIO OF VOLUME OVER CAPACITY VMT

	CBD	FRINGE	RESID.	OBD	RURAL	Total
FREEWAY	0.95	0.95	0.93	1.15	0.83	1.01
D. ART	1.02	0.61	0.82	1.00	0.24	0.87
U. ART	0.66	0.59	0.86	0.94	0.33	0.73
COLLCTR	0.70	0.88	0.65	0.86	0.15	0.58
1 WAY	0.58	0.42	0.63	0.77	0.00	0.68
RAMP	0.81	0.82	0.66	0.80	0.52	0.72
HOV	0.00	0.00	0.55	0.35	0.00	0.52
TOLL	0.00	0.00	0.56	0.67	0.61	0.57
Totals	0.81	0.83	0.77	0.99	0.34	0.79

HIGHWAY EVALUATION -- YEAR/ALT (a00) -- REPORT: TOTAL VHT USING VOLUMES ON
LINKS WITH CAPACITIES

	CBD	FRINGE	RESID.	OBD	RURAL	Total
FREEWAY	10394	2408	148946	143111	2496	307354
D. ART	14932	357	378164	494093	5549	893096
U. ART	5044	54	120254	64798	10950	201100
COLLCTR	4152	534	146032	69635	7679	228033
1 WAY	13025	657	10669	25993	0	50344
RAMP	6132	1241	34240	23657	464	65734
HOV	0	0	6771	475	0	7246
TOLL	0	0	96033	2447	21473	119953
Totals	53679	5252	941108	824209	48611	1872860

HIGHWAY EVALUATION -- YEAR/ALT (a00) -- REPORT: TOTAL VHT USING CAPACITIES

	CBD	FRINGE	RESID.	OBD	RURAL	Total
FREEWAY	10452	2480	147275	113467	2996	276671
D. ART	12850	559	410433	428204	22171	874217
U. ART	7344	91	122072	54303	31922	215732
COLLCTR	5505	560	189274	61333	42597	299268
1 WAY	20815	1112	15303	30100	0	67330
RAMP	6103	1385	40844	25004	785	74121
HOV	0	0	10598	1131	0	11730
TOLL	0	0	184325	4528	32701	221554
Totals	63070	6187	1120124	718071	133172	2040624

HIGHWAY EVALUATION -- YEAR/ALT (a00) -- REPORT: RATIO OF VOLUME OVER CAPACITY
VHT

	CBD	FRINGE	RESID.	OBD	RURAL	Total
FREEWAY	0.99	0.97	1.01	1.26	0.83	1.11
D. ART	1.16	0.64	0.92	1.15	0.25	1.02
U. ART	0.69	0.59	0.99	1.19	0.34	0.93
COLLCTR	0.75	0.95	0.77	1.14	0.18	0.76
1 WAY	0.63	0.59	0.70	0.86	0.00	0.75
RAMP	1.00	0.90	0.84	0.95	0.59	0.89
HOV	0.00	0.00	0.64	0.42	0.00	0.62
TOLL	0.00	0.00	0.52	0.54	0.66	0.54
Totals	0.85	0.85	0.84	1.15	0.37	0.92

HIGHWAY EVALUATION -- YEAR/ALT (a00) -- REPORT: TOTAL VOLUME ON ALL LINKS WITH CAPACITIES

	CBD	FRINGE	RESID.	OBD	RURAL	Total
FREEWAY	2317196	852594	15755386	12192858	366965	31485000
D. ART	2002724	135974	35338160	46617456	543576	84637896
U. ART	915744	15329	9786693	5790031	734020	17241816
COLLCTR	917352	112120	13630019	5489299	599437	20748226
1 WAY	3110085	128454	1121978	2458643	0	6819160
RAMP	1136210	344618	5505009	4540589	161513	11687939
HOV	0	0	764563	98037	0	862600
TOLL	0	0	6116041	446309	1077190	7639540
Totals	10399311	1589089	88017848	77633224	3482700181122176	

HIGHWAY EVALUATION -- YEAR/ALT (a00) -- REPORT: TOTAL CAPACITIES

	CBD	FRINGE	RESID.	OBD	RURAL	Total
FREEWAY	2412469	850477	17158000	10793985	434868	31649800
D. ART	2002070	211696	41903144	45284088	2716188	92117184
U. ART	1373064	25740	10814409	5973191	1999620	20186024
COLLCTR	1209917	127328	20045374	6394046	3430880	31207544
1 WAY	5288516	283316	1759025	2912557	0	10243414
RAMP	1376583	392122	8501438	6094050	345128	16709321
HOV	0	0	1969836	393750	0	2363586
TOLL	0	0	12391993	638123	1769995	14800111
Totals	13662619	1890679114543216	78483784	10696679219276992		

HIGHWAY EVALUATION -- YEAR/ALT (a00) -- REPORT: RATIO OF VOLUME OVER CAPACITY

	CBD	FRINGE	RESID.	OBD	RURAL	Total
FREEWAY	0.96	1.00	0.92	1.13	0.84	0.99
D. ART	1.00	0.64	0.84	1.03	0.20	0.92
U. ART	0.67	0.60	0.90	0.97	0.37	0.85
COLLCTR	0.76	0.88	0.68	0.86	0.17	0.66
1 WAY	0.59	0.45	0.64	0.84	0.00	0.67
RAMP	0.83	0.88	0.65	0.75	0.47	0.70
HOV	0.00	0.00	0.39	0.25	0.00	0.36
TOLL	0.00	0.00	0.49	0.70	0.61	0.52
Totals	0.76	0.84	0.77	0.99	0.33	0.83

HIGHWAY EVALUATION -- YEAR/ALT (a00) -- REPORT: TOTAL VOLUME ON ALL LINKS

	CBD	FRINGE	RESID.	OBD	RURAL	Total
FREEWAY	2317196	852594	15755386	12192858	366965	31485000
D. ART	2002724	135974	35338160	46617456	543576	84637896
U. ART	915744	15329	9786693	5790031	734020	17241816
COLLCTR	917352	112120	13630019	5489299	599437	20748226
1 WAY	3110085	128454	1121978	2458643	0	6819160
RAMP	1136210	344618	5505009	4540589	161513	11687939
HOV	0	0	764563	98037	0	862600
TOLL	0	0	6116041	446309	1077190	7639540
Totals	10399311	1589089	88017848	77633224	3482700181122176	

HIGHWAY EVALUATION -- YEAR/ALT (a00) -- REPORT: VOLUME PERCENTAGES ON ALL LINKS

	CBD	FRINGE	RESID.	OBD	RURAL	Total
FREEWAY	1.28	0.47	8.70	6.73	0.20	17.38
D. ART	1.11	0.08	19.51	25.74	0.30	46.73
U. ART	0.51	0.01	5.40	3.20	0.41	9.52
COLLCTR	0.51	0.06	7.53	3.03	0.33	11.46
1 WAY	1.72	0.07	0.62	1.36	0.00	3.76
RAMP	0.63	0.19	3.04	2.51	0.09	6.45
HOV	0.00	0.00	0.42	0.05	0.00	0.48
TOLL	0.00	0.00	3.38	0.25	0.59	4.22
Totals	5.74	0.88	48.60	42.86	1.92	100.00

HIGHWAY EVALUATION -- YEAR/ALT (a00) -- REPORT: AVERAGE TOTAL VOLUMES ON ALL LINKS

	CBD	FRINGE	RESID.	OBD	RURAL	Total
FREEWAY	66206	65584	58138	70479	73393	63350
D. ART	37087	27195	32721	42534	10658	37024
U. ART	14088	7664	15887	23633	8437	16987
COLLCTR	11612	10193	10111	14638	2447	10082
1 WAY	11562	8028	12195	17193	0	13114
RAMP	16232	17231	12315	13238	8973	13016
HOV	0	0	7282	4668	0	6846
TOLL	0	0	16942	15390	18898	17091
Totals	18181	23718	20375	32014	7522	23082

HIGHWAY EVALUATION -- YEAR/ALT (a00) -- REPORT: ORIGINAL SPEEDS (MPH)

	CBD	FRINGE	RESID.	OBD	RURAL	Total
FREEWAY	47.47	50.15	49.98	54.73	64.73	51.62
D. ART	30.90	40.29	34.36	35.52	48.19	35.20
U. ART	21.05	29.27	28.54	27.73	45.70	30.68
COLLCTR	21.45	21.79	29.69	28.06	38.84	30.89
1 WAY	19.83	22.91	31.42	34.02	0.00	28.29
RAMP	39.65	36.98	36.00	34.17	52.70	35.87
HOV	0.00	0.00	54.86	62.68	0.00	55.74
TOLL	0.00	0.00	44.25	43.12	60.51	47.85
Totals	24.47	31.02	32.30	33.50	42.73	33.54

HIGHWAY EVALUATION -- YEAR/ALT (a00) -- REPORT: CONGESTED SPEEDS (MPH)

	CBD	FRINGE	RESID.	OBD	RURAL	Total
FREEWAY	40.57	44.41	38.54	31.11	62.90	35.91
D. ART	16.06	35.70	25.18	20.37	47.03	23.12
U. ART	18.70	28.24	22.60	19.43	44.61	24.46
COLLCTR	18.94	17.53	25.08	19.68	38.08	25.93
1 WAY	15.93	15.00	23.76	22.10	0.00	20.43
RAMP	21.87	28.41	25.06	21.33	47.72	23.76
HOV	0.00	0.00	40.01	54.20	0.00	41.37
TOLL	0.00	0.00	18.02	25.56	38.37	21.45
Totals	18.59	24.30	24.70	20.78	40.53	24.70

HIGHWAY EVALUATION -- YEAR/ALT (a00) -- REPORT: PERCENT CHANGE IN SPEED

	CBD	FRINGE	RESID.	OBD	RURAL	Total
FREEWAY	-14.54	-11.45	-22.90	-43.15	-2.82	-30.42
D. ART	-48.03	-11.39	-26.72	-42.64	-2.41	-34.32
U. ART	-11.15	-3.53	-20.84	-29.93	-2.39	-20.26
COLLCTR	-11.72	-19.59	-15.53	-29.89	-1.96	-16.07
1 WAY	-19.66	-34.53	-24.39	-35.03	0.00	-27.78
RAMP	-44.85	-23.17	-30.39	-37.58	-9.45	-33.77
HOV	0.00	0.00	-27.07	-13.54	0.00	-25.77
TOLL	0.00	0.00	-59.27	-40.72	-36.59	-55.17
Totals	-24.02	-21.66	-23.55	-37.97	-5.13	-26.36

HIGHWAY EVALUATION -- YEAR/ALT (a00) -- REPORT: TOTAL VMT USING LINK VOLUMES
(FSUTMS.V54+)

	CBD	FRINGE	RESID.	OBD	RURAL	Total
FREEWAY	392880	105255	5315165	4022145	156733	9992177
D. ART	216232	12536	8572829	8892784	253496	17947876
U. ART	91533	1528	2436540	1034370	475216	4039189
COLLCTR	73570	8621	3233050	1092946	238916	4647103
1 WAY	189879	8482	231351	520822	0	950534
RAMP	119697	34042	711670	461088	21124	1347620
HOV	0	0	233000	21600	0	254600
TOLL	0	0	2174396	102720	760875	3037991
Totals	1083791	170464	22908000	16148476	1906360	42217088

HIGHWAY EVALUATION -- YEAR/ALT (a00) -- REPORT: TOTAL VHT (FREE-FLOW TIME)
USING LINK VOLUMES (FSUTMS.V54+)

	CBD	FRINGE	RESID.	OBD	RURAL	Total
FREEWAY	8278	2097	106366	73462	2422	192625
D. ART	6982	312	249689	250859	5241	513083
U. ART	4211	52	84885	36909	10473	136530
COLLCTR	3269	397	106017	37625	6159	153466
1 WAY	9605	363	7490	15441	0	32900
RAMP	2938	893	18406	12591	412	35240
HOV	0	0	4258	344	0	4601
TOLL	0	0	48661	2230	12450	63341
Totals	35284	4115	625770	429461	37157	1131786

HIGHWAY EVALUATION -- YEAR/ALT (a00) -- REPORT: TOTAL VHT (CONGESTED TIME)
USING LINK VOLUMES (FSUTMS.V54+)

	CBD	FRINGE	RESID.	OBD	RURAL	Total
FREEWAY	10394	2408	148946	143111	2496	307354
D. ART	14932	357	378164	494093	5549	893096
U. ART	5044	54	120254	64798	10950	201100
COLLCTR	4152	534	146032	69635	7679	228033
1 WAY	13025	657	10669	25993	0	50344
RAMP	6132	1241	34240	23657	464	65734
HOV	0	0	6771	475	0	7246
TOLL	0	0	96033	2447	21473	119953
Totals	53679	5252	941108	824209	48611	1872860

HIGHWAY EVALUATION -- YEAR/ALT (a00) -- REPORT: SPEEDS (FREE-FLOW TIME) USING
LINK VOLUMES (FSUTMS.V54+)

	CBD	FRINGE	RESID.	OBD	RURAL	Total
FREEWAY	47.46	50.19	49.97	54.75	64.72	51.87
D. ART	30.97	40.14	34.33	35.45	48.36	34.98
U. ART	21.74	29.27	28.70	28.02	45.38	29.58
COLLCTR	22.51	21.74	30.50	29.05	38.79	30.28
1 WAY	19.77	23.33	30.89	33.73	0.00	28.89
RAMP	40.74	38.12	38.66	36.62	51.21	38.24
HOV	0.00	0.00	54.73	62.82	0.00	55.33
TOLL	0.00	0.00	44.68	46.07	61.11	47.96
Totals	30.72	41.43	36.61	37.60	51.31	37.30

HIGHWAY EVALUATION -- YEAR/ALT (a00) -- REPORT: SPEEDS (CONGESTED TIME) USING
LINK VOLUMES (FSUTMS.V54+)

	CBD	FRINGE	RESID.	OBD	RURAL	Total
FREEWAY	37.80	43.70	35.69	28.11	62.80	32.51
D. ART	14.48	35.08	22.67	18.00	45.68	20.10
U. ART	18.15	28.20	20.26	15.96	43.40	20.09
COLLCTR	17.72	16.13	22.14	15.70	31.11	20.38
1 WAY	14.58	12.91	21.68	20.04	0.00	18.88
RAMP	19.52	27.43	20.79	19.49	45.50	20.50
HOV	0.00	0.00	34.41	45.51	0.00	35.14
TOLL	0.00	0.00	22.64	41.98	35.43	25.33
Totals	20.19	32.45	24.34	19.59	39.22	22.54

HIGHWAY EVALUATION -- YEAR/ALT (a00) -- REPORT: PERCENT CHANGE IN SPEED USING
LINK VOLUMES (FSUTMS.V54+)

	CBD	FRINGE	RESID.	OBD	RURAL	Total
FREEWAY	-20.35	-12.92	-28.59	-48.67	-2.96	-37.33
D. ART	-53.24	-12.61	-33.97	-49.23	-5.55	-42.55
U. ART	-16.51	-3.68	-29.41	-43.04	-4.36	-32.11
COLLCTR	-21.29	-25.78	-27.40	-45.97	-19.79	-32.70
1 WAY	-26.25	-44.68	-29.80	-40.60	0.00	-34.65
RAMP	-52.09	-28.06	-46.24	-46.78	-11.15	-46.39
HOV	0.00	0.00	-37.12	-27.55	0.00	-36.49
TOLL	0.00	0.00	-49.33	-8.88	-42.02	-47.20
Totals	-34.27	-21.66	-33.51	-47.89	-23.56	-39.57

HIGHWAY EVALUATION -- YEAR/ALT (a00) -- REPORT: TOTAL ACCIDENT OCCURENCES

	CBD	FRINGE	RESID.	OBD	RURAL	Total
FREEWAY	0.42	0.11	5.63	4.26	0.17	10.59
D. ART	1.26	0.07	49.98	51.84	1.48	104.64
U. ART	0.53	0.01	13.99	5.94	2.73	23.18
COLLCTR	0.39	0.05	17.10	5.78	1.26	24.58
1 WAY	1.09	0.05	1.33	2.99	0.00	5.46
RAMP	0.69	0.20	4.08	2.65	0.12	7.74
HOV	0.00	0.00	0.25	0.02	0.00	0.27
TOLL	0.00	0.00	2.36	0.11	0.82	3.30
Totals	4.37	0.48	94.73	73.60	6.58	179.75

HIGHWAY EVALUATION -- YEAR/ALT (a00) -- REPORT: TOTAL INJURY OCCURENCES

	CBD	FRINGE	RESID.	OBD	RURAL	Total
FREEWAY	0.29	0.08	3.88	2.94	0.11	7.29
D. ART	0.83	0.05	33.01	34.24	0.98	69.10
U. ART	0.32	0.01	8.58	3.64	1.67	14.22
COLLCTR	0.23	0.03	10.09	3.41	0.75	14.50
1 WAY	0.67	0.03	0.81	1.83	0.00	3.35
RAMP	0.42	0.12	2.51	1.62	0.07	4.74
HOV	0.00	0.00	0.17	0.02	0.00	0.19
TOLL	0.00	0.00	1.63	0.07	0.57	2.27
Totals	2.76	0.31	60.67	47.77	4.15	115.66

HIGHWAY EVALUATION -- YEAR/ALT (a00) -- REPORT: TOTAL FATALITY OCCURENCES

	CBD	FRINGE	RESID.	OBD	RURAL	Total
FREEWAY	0.00	0.00	0.05	0.04	0.00	0.09
D. ART	0.00	0.00	0.16	0.17	0.00	0.34
U. ART	0.00	0.00	0.05	0.02	0.01	0.08
COLLCTR	0.00	0.00	0.05	0.02	0.00	0.08
1 WAY	0.00	0.00	0.00	0.01	0.00	0.02
RAMP	0.00	0.00	0.01	0.01	0.00	0.03
HOV	0.00	0.00	0.00	0.00	0.00	0.00
TOLL	0.00	0.00	0.02	0.00	0.01	0.03
Totals	0.02	0.00	0.35	0.26	0.03	0.66

HIGHWAY EVALUATION -- YEAR/ALT (a00) -- REPORT: TOTAL EMISSIONS OF CARBON MONOXIDE (KILOGRAMS)

	CBD	FRINGE	RESID.	OBD	RURAL	Total
FREEWAY	5924	1274	83797	81476	2701	175171
D. ART	7229	206	209156	253264	3065	472921
U. ART	3140	32	68491	30753	5697	108113
COLLCTR	2484	307	81699	31834	3724	120048
1 WAY	6946	261	6099	14020	0	27326
RAMP	3026	688	16868	11705	367	32654
HOV	0	0	4018	337	0	4355
TOLL	0	0	30595	1310	11900	43805
Totals	28750	2768	500723	424699	27454	984394

HIGHWAY EVALUATION -- YEAR/ALT (a00) -- REPORT: TOTAL EMISSIONS OF HYDROCARBONS (KILOGRAMS)

	CBD	FRINGE	RESID.	OBD	RURAL	Total
FREEWAY	459	108	6374	5724	168	12833
D. ART	447	15	13758	16122	259	30602
U. ART	193	2	4351	1932	487	6964
COLLCTR	153	19	5322	2012	287	7791
1 WAY	424	16	396	906	0	1742
RAMP	199	48	1128	768	24	2168
HOV	0	0	295	24	0	319
TOLL	0	0	2473	109	821	3402
Totals	1875	209	34096	27597	2045	65821

HIGHWAY EVALUATION -- YEAR/ALT (a00) -- REPORT: TOTAL EMISSIONS OF OXIDES OF NITROGEN (KILOGRAMS)

	CBD	FRINGE	RESID.	OBD	RURAL	Total
FREEWAY	760	211	10423	8005	458	19856
D. ART	423	24	16328	17134	539	34448
U. ART	179	3	4671	1992	951	7796
COLLCTR	143	17	6162	2105	456	8883
1 WAY	376	16	445	1004	0	1841
RAMP	236	65	1378	890	54	2624
HOV	0	0	471	52	0	523
TOLL	0	0	4343	203	2027	6572
Totals	2117	336	44221	31384	4485	82544

HIGHWAY EVALUATION -- YEAR/ALT (a00) -- REPORT: TOTAL FUEL USE (GALS)

	CBD	FRINGE	RESID.	OBD	RURAL	Total
FREEWAY	24586	6587	332623	251706	9808	625311
D. ART	13532	784	536487	556510	15864	1123178
U. ART	5728	96	152479	64731	29739	252773
COLLCTR	4604	540	202324	68397	14951	290816
1 WAY	11883	531	14478	32593	0	59484
RAMP	7491	2130	44536	28855	1322	84334
HOV	0	0	14581	1352	0	15933
TOLL	0	0	139540	6429	48600	194570
Totals	67824	10668	1437049	1010572	120285	2646397

HIGHWAY EVALUATION -- YEAR/ALT (a00) -- REPORT: TOTAL NEW LANE MILEAGE

	CBD	FRINGE	RESID.	OBD	RURAL	Total
Totals	0	0	0	0	0	0

HIGHWAY EVALUATION -- YEAR/ALT (a00) -- REPORT: TOTAL CONSTRUCTION COST (X \$1000)

	CBD	FRINGE	RESID.	OBD	RURAL	Total
Totals	0	0	0	0	0	0

HIGHWAY EVALUATION -- YEAR/ALT (a00) -- REPORT: TOTAL DELAY DUE TO CONGESTION (VEH-HRS)

	CBD	FRINGE	RESID.	OBD	RURAL	Total
FREEWAY	2115.34	311.11	42580.51	69648.56	74.00114729.52	
D. ART	7950.16	45.05128475.07243233.98			308.07380012.34	
U. ART	832.65	2.00	35368.95	27889.07	477.16	64569.82
COLLCTR	883.97	137.76	40015.75	32009.89	1519.96	74567.34
1 WAY	3419.31	293.57	3178.88	10552.47	0.00	17444.23
RAMP	3193.80	348.22	15833.43	11066.40	51.79	30493.64
HOV	0.00	0.00	2513.42	130.74	0.00	2644.16
TOLL	0.00	0.00	47372.03	217.24	9023.41	56612.68
Totals	18395.23	1137.70315338.06394748.38	11454.39741073.75			

HIGHWAY EVALUATION -- YEAR/ALT (a00) : MILES OF ROADWAY AT EACH LEVEL OF SERVICE

	LEVEL OF SERVICE						
	A	B	C	D	E	F	TOTAL
FREEWAY	40.59	16.72	20.78	34.33	19.92	23.05	155.40
D. ART	178.19	111.33	91.18	55.03	32.41	39.86	507.99
U. ART	161.57	25.26	17.00	23.35	19.10	33.40	279.68
COLLCTR	378.82	37.27	40.52	29.50	23.36	41.25	550.73
1 WAY	48.25	9.80	6.39	2.18	1.55	2.02	70.19
RAMP	55.56	8.39	8.62	6.05	5.11	9.28	92.99
HOV	19.36	5.43	1.09	0.00	0.00	0.00	25.88
TOLL	107.98	6.24	10.10	6.56	1.85	0.78	133.51
Total	990.31	220.45	195.69	156.99	103.31	149.63	1816.37

HIGHWAY EVALUATION -- YEAR/ALT (a00) : PERCENT OF MILEAGE AT EACH LEVEL OF SERVICE

	LEVEL OF SERVICE						
	A	B	C	D	E	F	TOTAL
FREEWAY	2.23	0.92	1.14	1.89	1.10	1.27	8.56
D. ART	9.81	6.13	5.02	3.03	1.78	2.19	27.97
U. ART	8.90	1.39	0.94	1.29	1.05	1.84	15.40
COLLCTR	20.86	2.05	2.23	1.62	1.29	2.27	30.32
1 WAY	2.66	0.54	0.35	0.12	0.09	0.11	3.86
RAMP	3.06	0.46	0.47	0.33	0.28	0.51	5.12
HOV	1.07	0.30	0.06	0.00	0.00	0.00	1.42
TOLL	5.94	0.34	0.56	0.36	0.10	0.04	7.35
Total	54.52	12.14	10.77	8.64	5.69	8.24	100.00

HIGHWAY EVALUATION -- YEAR/ALT (a00) -- SCREENLINE SUMMARIES

SCREENLINE NUMBER	ANODE	BNODE	TOTAL VOLUME	TOTAL CAPACITY	VOLUME OVER CAPACITY RATIO	F T	A T
1	2161	2516	25022.	36218.	0.69	23	31
1	2429	2431	12125.	34783.	0.35	92	51
1	2504	8497	8378.	12870.	0.65	37	31
1	2506	2507	18128.	34348.	0.53	24	31
1	2509	2510	51114.	51978.	0.98	24	31
1	2520	8494	41464.	51978.	0.80	24	31
1	2521	8494	53716.	51978.	1.03	24	31
1	2523	2524	5715.	11522.	0.50	45	31
1	2525	2526	14586.	24914.	0.59	44	31
1	2529	2580	9027.	11522.	0.78	45	31
1	2531	7437	8467.	9218.	0.92	47	31
1	2533	2592	11569.	13740.	0.84	36	31
1	2536	7793	45038.	51978.	0.87	24	42
1	2541	2430	64988.	72478.	0.90	12	51
1	2547	2712	17521.	16086.	1.09	33	31
1	2603	2604	16496.	63392.	0.26	21	51
1	2612	2500	14356.	34783.	0.41	92	51
1	2685	3316	44264.	54326.	0.81	23	31
1	3317	8497	8401.	12870.	0.65	37	31
1	3856	4985	82809.	74478.	1.11	12	31
1	4258	2541	64964.	72478.	0.90	12	51
1	4970	4975	24684.	18750.	1.32	12	31
1	4995	3858	82806.	74478.	1.11	12	31
1	4998	5001	24683.	18750.	1.32	12	31
1	5175	7750	28231.	74478.	0.38	92	31
1	5195	6887	26005.	74478.	0.35	92	31
1		TOTALS	804558.	1058872.	0.76		SCREEN LINE 1

HIGHWAY EVALUATION -- YEAR/ALT (a00) -- SCREENLINE SUMMARIES

SCREENLINE NUMBER	ANODE	BNODE	TOTAL VOLUME	TOTAL CAPACITY	VOLUME OVER CAPACITY RATIO	F T	A T
2	2170	6508	20850.	34348.	0.61	24	31
2	2427	2426	24178.	34783.	0.70	92	51
2	2458	8194	42740.	55989.	0.76	92	31
2	2491	5979	7707.	9218.	0.84	47	31
2	2859	2717	25194.	34783.	0.72	92	51
2	2971	4481	40251.	48260.	0.83	24	51
2	3175	3658	10379.	11522.	0.90	45	31
2	3574	7266	8576.	24914.	0.34	44	31
2	3781	5727	3536.	12870.	0.27	37	31
2	3788	5881	9426.	11522.	0.82	45	31
2	4053	4054	37069.	55989.	0.66	12	31
2	4056	4052	36177.	55989.	0.65	12	31
2	4250	7275	36735.	36218.	1.01	23	44
2	4273	4275	46754.	51978.	0.90	24	41
2	4620	7269	31704.	51978.	0.61	24	31
2	5082	5084	37718.	50544.	0.75	25	31
2	5083	7316	28458.	24914.	1.14	44	31
2	5349	5352	33716.	51978.	0.65	24	31
2	5582	7327	28253.	34348.	0.82	24	31
2	5726	5728	42907.	50544.	0.85	25	42
2	5879	5883	30129.	34348.	0.88	24	31
2	5976	5981	37544.	34348.	1.09	24	42
2	6074	6076	52234.	51978.	1.00	24	31
2	6153	6156	59240.	51978.	1.14	24	31
2	6199	7345	16951.	11522.	1.47	45	31
2	6251	2456	35579.	55989.	0.64	92	31
2	6252	7974	14683.	9218.	1.59	46	41
2	6253	6254	2620.	9218.	0.28	46	31
2	6307	6308	29064.	34348.	0.85	24	31
2	6337	9879	9811.	16086.	0.61	33	31
2	6342	9879	10504.	16086.	0.65	33	31
2	6384	9880	25706.	34348.	0.75	24	41
2	6387	9880	26197.	34348.	0.76	24	41
2	6452	6458	15705.	34348.	0.46	24	41
2	6456	7512	13145.	12870.	1.02	37	31
2	6556	6558	1928.	12500.	0.15	43	51
2	6607	6608	2030.	25000.	0.08	43	51
2	7271	7810	12596.	24914.	0.51	44	41
2	7808	7890	20818.	24914.	0.84	44	41
2	TOTALS		968810.	1271050.	0.76	SCREEN LINE 2	

HIGHWAY EVALUATION -- YEAR/ALT (a00) -- SCREENLINE SUMMARIES

SCREENLINE NUMBER	ANODE	BNODE	TOTAL VOLUME	TOTAL CAPACITY	VOLUME OVER CAPACITY RATIO	F T	A T
3	2134	2139	20902.	22761.	0.92	64	43
3	2138	2133	20913.	22761.	0.92	64	43
3	2405	4249	18985.	34783.	0.55	92	51
3	2715	3138	26400.	34348.	0.77	24	31
3	2715	9780	26962.	34348.	0.78	24	44
3	2970	6069	28297.	34348.	0.82	24	31
3	2972	4277	9930.	12500.	0.79	43	51
3	2973	7381	9734.	9218.	1.06	46	31
3	2976	8381	12235.	9218.	1.33	46	31
3	2991	9783	10692.	16892.	0.63	24	31
3	2992	9783	13241.	16892.	0.78	24	31
3	2994	2997	30871.	34348.	0.90	24	31
3	3000	3651	14424.	13740.	1.05	36	31
3	3007	7593	41354.	34348.	1.20	24	41
3	3099	7825	11397.	34348.	0.33	24	31
3	3137	3138	31269.	51978.	0.60	24	41
3	3139	9780	20965.	34348.	0.61	24	44
3	3142	3143	34398.	34348.	1.00	24	41
3	3146	3147	45160.	51978.	0.87	24	41
3	3150	3628	29358.	34348.	0.85	24	31
3	3156	9778	18622.	15326.	1.22	42	31
3	3157	9778	18744.	15326.	1.22	42	31
3	3160	3161	2094.	11522.	0.18	45	31
3	3166	7404	34503.	51978.	0.66	24	31
3	3173	3174	8491.	11522.	0.74	45	31
3	3181	3182	6184.	12870.	0.48	37	31
3	3187	3297	14781.	25782.	0.57	37	31
3	3206	8097	12777.	17174.	0.74	32	41
3	3209	8096	31202.	34348.	0.91	24	41
3	3302	3303	34695.	34348.	1.01	24	31
3	3307	7414	1261.	9218.	0.14	46	31
3	3721	4277	36495.	54326.	0.67	23	41
3	3884	3889	97590.	74478.	1.31	12	31
3	3885	3883	93443.	74478.	1.25	12	31
3	4223	4220	82962.	74478.	1.11	12	41
3	4225	4219	87461.	74478.	1.17	12	41
3	4244	3205	20697.	34783.	0.60	92	51
3	4785	4793	16049.	18750.	0.86	88	31
3	4787	4780	16821.	18750.	0.90	87	31
3	TOTALS		1092359.	1235788.	0.88	SCREEN LINE 3	

HIGHWAY EVALUATION -- YEAR/ALT (a00) -- SCREENLINE SUMMARIES

SCREENLINE NUMBER	ANODE	BNODE	TOTAL VOLUME	TOTAL CAPACITY	VOLUME OVER CAPACITY RATIO	F T	A T
4	2045	2040	58194.	55989.	1.04	12	31
4	2292	4046	81144.	55989.	1.45	12	41
4	2500	4329	14356.	34783.	0.41	92	51
4	2621	7439	24271.	34348.	0.71	24	31
4	2695	2429	12125.	34783.	0.35	92	51
4	2729	2732	13971.	24914.	0.56	44	31
4	2736	2737	55382.	55989.	0.99	12	31
4	2874	4235	25165.	32956.	0.76	41	31
4	2991	2994	11971.	13740.	0.87	36	31
4	3109	4221	49190.	34348.	1.43	24	41
4	3232	3234	53118.	50544.	1.05	25	41
4	3255	8505	20067.	12870.	1.56	37	31
4	3421	4206	47768.	34348.	1.39	24	41
4	3423	4197	54327.	34348.	1.58	24	44
4	3592	3594	31753.	24914.	1.27	44	44
4	3763	8505	18329.	12870.	1.42	37	31
4	4134	5996	36899.	34348.	1.07	24	31
4	4146	4163	36105.	37500.	0.96	12	31
4	4162	4144	35885.	37500.	0.96	12	31
4	4200	7656	18323.	12870.	1.42	37	44
4	4231	4315	35973.	55989.	0.64	12	31
4	4306	2985	37695.	55989.	0.67	12	31
4	4429	9813	44523.	34348.	1.30	24	44
4	4636	4637	52996.	51978.	1.02	24	44
4	4637	7875	72282.	51978.	1.39	24	41
4	4773	9813	44734.	34348.	1.30	24	44
4	4777	9830	14619.	11522.	1.27	45	41
4	4783	9830	14292.	11522.	1.24	45	41
4	4926	4928	18929.	11522.	1.64	45	41
4	4927	2291	86359.	55989.	1.54	12	41
4	5103	5104	65449.	51978.	1.26	24	41
4	5367	7385	44043.	34348.	1.28	24	41
4	5606	7390	39638.	33392.	1.19	25	41
4	5750	5751	60974.	50544.	1.21	25	41
4	5906	5908	40208.	34348.	1.17	24	31
4	6100	6101	42901.	50544.	0.85	25	41
4	7300	8071	43311.	34348.	1.26	24	41
4	8391	8392	5522.	16086.	0.34	41	41
4	TOTALS		1462791.	1350724.	1.08	SCREEN LINE 4	

HIGHWAY EVALUATION -- YEAR/ALT (a00) -- SCREENLINE SUMMARIES

SCREENLINE NUMBER	ANODE	BNODE	TOTAL VOLUME	TOTAL CAPACITY	VOLUME OVER CAPACITY RATIO	F T	A T
5	2097	2103	12018.	22761.	0.53	64	43
5	2102	2097	11451.	22761.	0.50	64	43
5	2725	2730	11591.	11522.	1.01	45	44
5	3428	3429	54825.	51978.	1.05	24	44
5	3437	3439	23920.	12870.	1.86	37	44
5	3446	3447	13898.	23608.	0.59	45	41
5	3456	3457	38203.	34348.	1.11	24	41
5	3463	3464	14233.	22761.	0.63	64	41
5	3467	3466	12329.	22761.	0.54	64	41
5	3471	3472	16563.	25782.	0.64	37	41
5	3477	3478	38505.	34348.	1.12	24	31
5	3488	3489	31490.	34348.	0.92	24	41
5	3497	3498	32006.	34348.	0.93	24	41
5	3504	3506	41860.	51978.	0.81	24	31
5	3511	3512	22957.	34348.	0.67	24	31
5	3518	3519	24103.	32956.	0.73	41	31
5	3527	3528	28673.	33392.	0.86	25	41
5	3538	3539	4789.	11522.	0.42	45	31
5	3544	3546	31431.	34348.	0.92	24	31
5	3552	3553	21136.	31696.	0.67	34	41
5	3563	9802	43993.	34348.	1.28	24	41
5	3564	9802	43693.	34348.	1.27	24	41
5	3900	3907	91739.	74478.	1.23	12	31
5	3902	3897	96568.	74478.	1.30	12	31
5	4196	4198	101879.	74478.	1.37	12	41
5	4202	4195	102146.	74478.	1.37	12	41
5	4669	4685	17021.	18750.	0.91	88	31
5	4675	4665	17907.	18750.	0.96	87	31
5	6998	6999	50198.	34348.	1.46	24	41
5	TOTALS		1051124.	1022892.	1.03	SCREEN LINE 5	

HIGHWAY EVALUATION -- YEAR/ALT (a00) -- SCREENLINE SUMMARIES

SCREENLINE NUMBER	ANODE	BNODE	TOTAL VOLUME	TOTAL CAPACITY	VOLUME OVER CAPACITY RATIO	F T	A T
6	2125	2115	69736.	55989.	1.25	12	41
6	2416	2720	33311.	34348.	0.97	24	41
6	2416	4668	29816.	32652.	0.91	33	41
6	2435	3626	15284.	34783.	0.44	92	51
6	2504	2506	5683.	9218.	0.62	46	31
6	2554	7210	24398.	36218.	0.67	23	31
6	2639	3610	4777.	11522.	0.41	45	31
6	2640	6864	22687.	34348.	0.66	24	31
6	2641	3595	4494.	11522.	0.39	45	31
6	2710	2437	14554.	34783.	0.42	92	51
6	2745	4943	17060.	11522.	1.48	45	31
6	2762	2766	69544.	55989.	1.24	12	41
6	2764	2768	10913.	15457.	0.71	67	41
6	2767	2763	10743.	15457.	0.70	67	41
6	2996	4316	31535.	34348.	0.92	24	44
6	3011	3014	7670.	12108.	0.63	44	41
6	3012	9779	33200.	34348.	0.97	24	41
6	3018	9779	35842.	34348.	1.04	24	41
6	3261	3262	36161.	34348.	1.05	24	31
6	3409	4802	23727.	13740.	1.73	36	41
6	3482	3484	13106.	11522.	1.14	45	41
6	3483	6980	43934.	34348.	1.28	24	41
6	3495	8240	10012.	11522.	0.87	45	31
6	3723	7387	10830.	11522.	0.94	45	41
6	3846	9869	25288.	23608.	1.07	45	31
6	3909	7137	49253.	55989.	0.88	12	41
6	4016	4019	71855.	55989.	1.28	12	31
6	4316	7453	26241.	34348.	0.76	24	44
6	4322	6956	37647.	55989.	0.67	12	31
6	4539	4541	32950.	32652.	1.01	33	41
6	4540	4542	33815.	34348.	0.98	24	41
6	4666	4667	15860.	16086.	0.99	33	41
6	4792	4797	27877.	34348.	0.81	24	41
6	4946	4018	75578.	55989.	1.35	12	31
6	5132	5133	42984.	34348.	1.25	24	41
6	5134	7499	50957.	32652.	1.56	33	41
6	5386	9865	46745.	33392.	1.40	25	41
6	5387	9865	47241.	33392.	1.41	25	41
6	5639	5643	33569.	24914.	1.35	44	12
6	5642	5644	38634.	33392.	1.16	25	12
6	5782	9869	25455.	23608.	1.08	45	31
6	5784	5786	44353.	33392.	1.33	25	41
6	5929	5936	30063.	23608.	1.27	45	41
6	5931	5933	66269.	50544.	1.31	25	41
6	6033	6034	26084.	13740.	1.90	36	31
6	6957	4321	34207.	55989.	0.61	12	31
6	7139	4671	40381.	55989.	0.72	12	41
6	TOTALS		1502322.	1474268.	1.02		

HIGHWAY EVALUATION -- YEAR/ALT (a00) -- SCREENLINE SUMMARIES

SCREENLINE NUMBER	ANODE	BNODE	TOTAL VOLUME	TOTAL CAPACITY	VOLUME OVER CAPACITY RATIO	F T	A T
7	2004	7854	94022.	106174.	0.89	21	32
7	2039	2051	31815.	33392.	0.95	25	42
7	2041	2057	23303.	33392.	0.70	25	12
7	2042	2058	14478.	25044.	0.58	38	43
7	2308	5113	45447.	34348.	1.32	24	31
7	2323	5092	68288.	50544.	1.35	25	31
7	2345	7717	53276.	74478.	0.72	92	31
7	2358	4084	118429.	93098.	1.27	12	41
7	2389	5103	54890.	51978.	1.06	24	31
7	3984	3987	9717.	15707.	0.62	79	11
7	3986	3985	97161.	77174.	1.26	11	11
7	4085	2362	106704.	93098.	1.15	12	41
7	4908	8529	64679.	51978.	1.24	24	41
7	5002	5198	21399.	15707.	1.36	75	11
7	5003	5209	90877.	77174.	1.18	11	11
7	5013	5014	5105.	11522.	0.44	45	11
7	5020	7446	7251.	11914.	0.61	38	11
7	5026	5027	8941.	11522.	0.78	45	11
7	5034	5037	6742.	22174.	0.30	64	11
7	5048	5046	16466.	22174.	0.74	64	11
7	5059	5060	16670.	22174.	0.75	64	11
7	5071	9724	54520.	54663.	1.00	25	11
7	5072	9724	66222.	54663.	1.21	25	11
7	5106	8379	22057.	11522.	1.91	45	31
7	5122	5123	18215.	12870.	1.42	37	31
7	5131	5132	66099.	51978.	1.27	24	41
7	5140	5141	46855.	34348.	1.36	24	41
7	5147	5148	19665.	12870.	1.53	37	31
7	5153	5154	51980.	50544.	1.03	25	41
7	5159	5160	40565.	33392.	1.21	25	41
7	5164	5166	44448.	50544.	0.88	25	31
7	5170	5171	34224.	27130.	1.26	36	41
7	5173	5180	18596.	16086.	1.16	33	41
7	5176	5177	34083.	33392.	1.02	25	31
7	7716	4482	67679.	93098.	0.73	92	31
7	8503	2462	13474.	18750.	0.72	98	31
7	TOTALS		1554342.	1490616.	1.04		

HIGHWAY EVALUATION -- YEAR/ALT (a00) -- SCREENLINE SUMMARIES

SCREENLINE NUMBER	ANODE	BNODE	TOTAL VOLUME	TOTAL CAPACITY	VOLUME OVER CAPACITY RATIO	F T	A T
8	2146	2149	37398.	51978.	0.72	24	43
8	2171	2803	82005.	74478.	1.10	12	31
8	2213	2214	23193.	31413.	0.74	75	31
8	2236	2242	27138.	31413.	0.86	79	31
8	2252	2928	21406.	23608.	0.91	45	31
8	2269	2244	5227.	15707.	0.33	75	31
8	2270	2271	52009.	55989.	0.93	12	31
8	2280	2281	58399.	55989.	1.04	12	31
8	2438	2475	7139.	34783.	0.21	92	51
8	2477	6895	6990.	34783.	0.20	92	51
8	2509	2513	27706.	36218.	0.76	23	31
8	2558	2561	40599.	54326.	0.75	23	31
8	2565	2669	6830.	11522.	0.59	45	31
8	2660	2664	29729.	34348.	0.87	24	31
8	2804	2172	86993.	74478.	1.17	12	31
8	2807	3713	5281.	13740.	0.38	36	31
8	2811	2812	26235.	34348.	0.76	24	31
8	2819	2820	8720.	9218.	0.95	46	31
8	2824	2949	13155.	11522.	1.14	45	31
8	2831	3709	6712.	11522.	0.58	45	31
8	2832	2953	5686.	9218.	0.62	46	31
8	2844	2960	36259.	34348.	1.06	24	41
8	2850	4404	57359.	63566.	0.90	24	41
8	3706	3707	11912.	11522.	1.03	45	31
8	4911	4913	7982.	18750.	0.43	88	31
8	5365	5375	4331.	18750.	0.23	87	31
8	8261	8262	9636.	11522.	0.84	45	31
8	TOTALS		706029.	869059.	0.81		

HIGHWAY EVALUATION -- YEAR/ALT (a00) -- SCREENLINE SUMMARIES

SCREENLINE NUMBER	ANODE	BNODE	TOTAL VOLUME	TOTAL CAPACITY	VOLUME OVER CAPACITY RATIO	F T	A T
9	3749	7534	19896.	16086.	1.24	41	41
9	3798	5974	33456.	34348.	0.97	24	41
9	4132	9915	41740.	37500.	1.11	12	31
9	4135	4133	38731.	55989.	0.69	12	31
9	4141	6087	34328.	37500.	0.92	12	31
9	4152	4153	39820.	31413.	1.27	75	31
9	4444	5730	32525.	55989.	0.58	92	31
9	5725	4442	27255.	55989.	0.49	92	31
9	5958	7370	1923.	32956.	0.06	41	31
9	5959	7223	12224.	24914.	0.49	44	31
9	5962	7330	22755.	34348.	0.66	24	31
9	5963	6050	6933.	24914.	0.28	44	31
9	5966	6054	28122.	34348.	0.82	24	31
9	5969	6063	25540.	34348.	0.74	24	31
9	6038	7227	14056.	20544.	0.68	36	51
9	6078	6154	28533.	33392.	0.85	25	31
9	6092	6093	29998.	34348.	0.87	24	31
9	6110	7950	42701.	50544.	0.84	25	41
9	6112	6116	22046.	16086.	1.37	33	31
9	6120	6121	34059.	17174.	1.98	32	32
9	6126	6178	19982.	17174.	1.16	32	32
9	7893	9840	5235.	63392.	0.08	21	51
9	8224	4149	57112.	55989.	1.02	12	31
9	8328	9840	5091.	63392.	0.08	21	51
9	9915	4136	41740.	37500.	1.11	12	31
9	TOTALS		665799.	920177.	0.72		

HIGHWAY EVALUATION -- YEAR/ALT (a00) -- SCREENLINE SUMMARIES

SCREENLINE NUMBER	ANODE	BNODE	TOTAL VOLUME	TOTAL CAPACITY	VOLUME OVER CAPACITY	F T	A T
10	2218	2912	33062.	36218.	0.91	23	31
10	2480	2293	19493.	55989.	0.35	92	31
10	2487	5198	11498.	11522.	1.00	45	31
10	2582	3857	72326.	51978.	1.39	24	31
10	2610	7400	9081.	11522.	0.79	45	31
10	2674	9900	65467.	51978.	1.26	24	31
10	2676	9900	66349.	51978.	1.28	24	31
10	2678	2679	55377.	51978.	1.07	24	41
10	2798	2804	71266.	74478.	0.96	12	41
10	2803	2797	66338.	74478.	0.89	12	41
10	2919	2921	5941.	11522.	0.52	45	31
10	2923	9769	8666.	9218.	0.94	46	31
10	2927	9769	8666.	9218.	0.94	46	31
10	3051	3054	11086.	27826.	0.40	64	31
10	3053	3050	12043.	27826.	0.43	64	31
10	3163	3167	40086.	32652.	1.23	33	31
10	3166	3168	32161.	51978.	0.62	24	31
10	3284	3286	39008.	33392.	1.17	25	31
10	3382	7397	32079.	25044.	1.28	38	31
10	3527	3531	23738.	25033.	0.95	38	41
10	3529	7406	13627.	11522.	1.18	45	41
10	3530	3526	15911.	22761.	0.70	64	31
10	3927	8426	50219.	55989.	0.90	12	31
10	3963	3989	60148.	55989.	1.07	12	41
10	3990	4989	66737.	55989.	1.19	12	41
10	4067	4070	28109.	38587.	0.73	11	41
10	4068	5833	33113.	38587.	0.86	11	41
10	4479	2479	20612.	55989.	0.37	92	31
10	4584	7403	24806.	32652.	0.76	33	31
10	4586	7401	40865.	34348.	1.19	24	41
10	4719	4722	4039.	15218.	0.27	34	41
10	4724	7840	30195.	34348.	0.88	24	41
10	4870	7841	11424.	23608.	0.48	45	41
10	4874	8063	24071.	34348.	0.70	24	41
10	4984	4991	15761.	11522.	1.37	45	31
10	4990	4996	2170.	11522.	0.19	45	41
10	5007	8065	8925.	15457.	0.58	63	31
10	5014	5006	7093.	15457.	0.46	63	11
10	5182	5183	29692.	32728.	0.91	33	41
10	5189	5201	12565.	22761.	0.55	64	31
10	5194	5204	654.	15022.	0.04	64	21
10	5200	5188	11502.	15022.	0.77	64	31
10	5203	5192	1691.	15022.	0.11	64	21
10	5207	5196	1062.	15022.	0.07	64	21
10	5434	5439	13417.	22761.	0.59	64	41
10	5440	5437	17255.	22761.	0.76	64	31
10	5441	8020	18163.	22761.	0.80	64	41
10	5688	5689	26543.	34348.	0.77	24	31
10	5840	5844	9788.	16892.	0.58	24	31
10	5847	7377	20541.	34348.	0.60	24	31
10	8425	3925	57285.	55989.	1.02	12	31
10		TOTALS	1361713.	1615158.	0.84		

HIGHWAY EVALUATION -- YEAR/ALT (a00) -- SCREENLINE SUMMARIES

SCREENLINE NUMBER	ANODE	BNODE	TOTAL VOLUME	TOTAL CAPACITY	VOLUME OVER CAPACITY RATIO	F T	A T
11	3669	6237	13928.	21956.	0.63	35	51
11	3811	6320	7566.	9218.	0.82	46	31
11	3814	6324	14621.	16086.	0.91	33	32
11	4336	6313	59444.	50544.	1.18	25	41
11	6244	7341	44498.	51978.	0.86	24	41
11	6253	6301	25479.	34348.	0.74	24	31
11	6299	8192	71472.	55989.	1.28	92	31
11	6326	9874	27216.	17174.	1.58	32	31
11	6329	7981	4840.	9218.	0.53	46	32
11	6358	9874	26960.	17174.	1.57	32	31
11	7986	7989	8755.	9218.	0.95	46	41
11	7995	7996	21901.	13740.	1.59	36	31
11	8193	2284	74890.	93098.	0.80	92	31
11	TOTALS		401570.	399741.	1.00		
12	2001	5331	21592.	54326.	0.40	23	44
12	2006	2007	93801.	106174.	0.88	21	32
12	2043	4473	10379.	32652.	0.32	33	31
12	2072	9736	87826.	111978.	0.78	12	31
12	2074	9737	66060.	111978.	0.59	12	31
12	2108	3569	42517.	51978.	0.82	24	31
12	2148	8175	53398.	63566.	0.84	24	43
12	2156	8154	18399.	111978.	0.16	17	31
12	3213	3214	26868.	34348.	0.78	24	31
12	5848	5849	33523.	54326.	0.62	23	32
12	9729	9736	8798.	15707.	0.56	73	31
12	9730	9733	9338.	15707.	0.59	73	31
12	9731	9736	79029.	111978.	0.71	12	31
12	9731	9737	69691.	111978.	0.62	12	31
12	9733	9731	9338.	15707.	0.59	73	31
12	TOTALS		630555.	1004381.	0.63		

HIGHWAY EVALUATION -- YEAR/ALT (a00) -- SCREENLINE SUMMARIES

SCREENLINE NUMBER	ANODE	BNODE	TOTAL VOLUME	TOTAL CAPACITY	VOLUME OVER CAPACITY RATIO	F T	A T
13	2155	8461	15009.	37500.	0.40	92	32
13	2452	8460	14338.	37500.	0.38	92	32
13	3666	6371	14308.	17174.	0.83	32	32
13	6364	6366	2353.	12500.	0.19	43	51
13	6367	6368	8702.	12260.	0.71	43	31
13	6371	7998	15072.	20544.	0.73	36	51
13	6429	8377	7744.	13740.	0.56	36	31
13	6489	7491	7882.	12260.	0.64	43	32
13	6492	6546	38264.	34348.	1.11	24	42
13	6501	6503	22673.	32652.	0.69	33	31
13	6558	6559	2167.	15326.	0.14	42	31
13	6562	6563	898.	9218.	0.10	46	32
13	6568	6611	151.	12500.	0.01	43	51
13	8460	2120	14338.	37500.	0.38	92	32
13	8461	2454	15009.	37500.	0.40	92	32
13	TOTALS		178908.	342522.	0.52		
99	TOTALS		168740912.	205222960.	0.82	SCREEN LINE	99

TOTAL NUMBER OF LINKS	7847
TOTAL SYSTEM MILES	1816.37
TOTAL LANE MILES	5472.76
TOTAL DIRECTIONAL MILES	3162.12
TOTAL VMT USING VOLUMES	42288232
TOTAL VMT USING CAPACITY	53234432
TOTAL VMT V/C	0.79
TOTAL VHT USING VOLUMES	1872860
TOTAL VHT USING CAPACITY	2040624
TOTAL VHT V/C	0.92
TOTAL VOLUMES ALL LINKS	181122176
AVERAGE TOTAL VOLUME	23081.71
TOTAL VMT ALL LINKS	42288232
TOTAL VHT ALL LINKS	1872860
TOTAL ORIGINAL SPEED (MPH)	33.54
TOTAL CONGESTED SPEED (MPH)	24.70
TOTAL ACCIDENTS	179.75
TOTAL INJURIES	115.66
TOTAL FATALITIES	0.66
TOTAL CO EMISSIONS (KILOGRAMS)	984394
TOTAL HC EMISSIONS (KILOGRAMS)	65821
TOTAL NO EMISSIONS (KILOGRAMS)	82544
TOTAL FUEL USE	2646397
TOTAL NEW LANE MILEAGE	0
TOTAL CONSTRUCTION COST (X \$1000)	0

TOTAL ACCIDENT COST (DOLLARS)	4580838
TOTAL USERS COST (DOLLARS)	17338158
TOTAL MAINTENANCE COST (DOLLARS)	729547
TOTAL DELAY DUE TO CONGESTION (VEH-HRS)	741073.75

APPENDIX F

YEAR 2005 EMIS MODEL INPUT & OUTPUT AND SUPPORTING FSUTMS REPORTS/FILES

YEAR 2005 MOBILE6.05A

MOBILE6 INPUT FILE

RUN DATA

MIN/MAX TEMP : 69.3 91.2

>These factors are for Southeast Florida only!

NO REFUELING :

*Indicates that refueling emissions will NOT be included

ABSOLUTE HUMIDITY : 100.0

FUEL RVP : 7.8

SCENARIO RECORD : SPEED = EPA default speed distribution

*User must indicate analysis year for this run in four digit format

CALENDAR YEAR : 2005

EVALUATION MONTH : 7

*User must indicate temperatures used for inventory purposes by area

END OF RUN

YEAR 2005 PROFILE.MAS

&TWODIGIT
YES
&VFACTORS
YES
&NAME NAME OF STUDY
Miami
&MOBILE DIRECTORY WHERE MOBILE PARAMETER FILES ARE STORED
c:\fsutms.v55\
&MOBILE6
YES
&M6YEAR
2005
&M6FACTORFILE
C:\FSUTMS.V55\MOB6-FAC.SEF
&IMFAC INSPECTION/MAINTENANCE CREDIT PERCENTAGE FOR EMIS
0.00000
&EMISFAC FACTOR TO ADJUST MODEL VMT TO MATCH HPMS TARGET VALUE
0.99908
&FSUTMS DIRECTORY WHERE SCRIPT FILES ARE LOCATED
.\\SCRIPT
&AVEZONE NUMBER OF ZONES TO AVERAGE TO COMPUTE IZ DISTANCE
1
&TRANZONE TRANSIT ACCESS ANALYSIS ZONE
642
&ZONESI INTERNAL ZONES
1500
&ZONESX FIRST EXTERNAL ZONE
1501
&ZONESA TOTAL ZONES
1521
&VALIDATE
NO
&ANALYSIS
YES
&GLSELECT
0
&GLTITLE
Miami-dade
&SZONE STARTING ZONE FOR CARDINAL DISTRIBUTION
1
&FZONE ENDING ZONE FOR CARDINAL DISTRIBUTION
1500
&DISTRICT NUMBER OF PLANNING DISTRICTS
96
&SUPERDIST NUMBER OF SUPER DISTRICTS
26
&CBDZONE THE CBD ZONES
642
&SELDEST SELECTED DESTINATION ZONES
1-1500
&TERM10 TERMINAL TIME FOR AREA TYPE
5
&TERM11 TERMINAL TIME FOR AREA TYPE
5
&TERM12 TERMINAL TIME FOR AREA TYPE
5
&TERM13 TERMINAL TIME FOR AREA TYPE

3
&TERM14 TERMINAL TIME FOR AREA TYPE
5
&TERM15 TERMINAL TIME FOR AREA TYPE
5
&TERM16 TERMINAL TIME FOR AREA TYPE
5
&TERM17 TERMINAL TIME FOR AREA TYPE
5
&TERM18 TERMINAL TIME FOR AREA TYPE
5
&TERM19 TERMINAL TIME FOR AREA TYPE
5
&TERM20 TERMINAL TIME FOR AREA TYPE
3
&TERM21 TERMINAL TIME FOR AREA TYPE
4
&TERM22 TERMINAL TIME FOR AREA TYPE
3
&TERM23 TERMINAL TIME FOR AREA TYPE
3
&TERM24 TERMINAL TIME FOR AREA TYPE
3
&TERM25 TERMINAL TIME FOR AREA TYPE
3
&TERM26 TERMINAL TIME FOR AREA TYPE
3
&TERM27 TERMINAL TIME FOR AREA TYPE
3
&TERM28 TERMINAL TIME FOR AREA TYPE
3
&TERM29 TERMINAL TIME FOR AREA TYPE
3
&TERM30 TERMINAL TIME FOR AREA TYPE
1
&TERM31 TERMINAL TIME FOR AREA TYPE
3
&TERM32 TERMINAL TIME FOR AREA TYPE
1
&TERM33 TERMINAL TIME FOR AREA TYPE
1
&TERM34 TERMINAL TIME FOR AREA TYPE
1
&TERM35 TERMINAL TIME FOR AREA TYPE
1
&TERM36 TERMINAL TIME FOR AREA TYPE
1
&TERM37 TERMINAL TIME FOR AREA TYPE
1
&TERM38 TERMINAL TIME FOR AREA TYPE
1
&TERM39 TERMINAL TIME FOR AREA TYPE
1
&TERM40 TERMINAL TIME FOR AREA TYPE
2
&TERM41 TERMINAL TIME FOR AREA TYPE
2

&TERM42	TERMINAL TIME FOR AREA TYPE
3	
&TERM43	TERMINAL TIME FOR AREA TYPE
2	
&TERM44	TERMINAL TIME FOR AREA TYPE
2	
&TERM45	TERMINAL TIME FOR AREA TYPE
2	
&TERM46	TERMINAL TIME FOR AREA TYPE
2	
&TERM47	TERMINAL TIME FOR AREA TYPE
2	
&TERM48	TERMINAL TIME FOR AREA TYPE
2	
&TERM49	TERMINAL TIME FOR AREA TYPE
2	
&TERM50	TERMINAL TIME FOR AREA TYPE
1	
&TERM51	TERMINAL TIME FOR AREA TYPE
1	
&TERM52	TERMINAL TIME FOR AREA TYPE
1	
&TERM53	TERMINAL TIME FOR AREA TYPE
1	
&TERM54	TERMINAL TIME FOR AREA TYPE
1	
&TERM55	TERMINAL TIME FOR AREA TYPE
1	
&TERM56	TERMINAL TIME FOR AREA TYPE
1	
&TERM57	TERMINAL TIME FOR AREA TYPE
1	
&TERM58	TERMINAL TIME FOR AREA TYPE
1	
&TERM59	TERMINAL TIME FOR AREA TYPE
1	
&NODES	MAXIMUM NUMBER OF NODES IN HWY NET
15000	
&UNITS	UNITS PER MILE
5280	
&CONFAC	FOR CAPACITY CONSTRAINT
0.10	
&CAPFAC	FOR PLOTTING LOS E
0.10	
&ITER	MAXIMUM EQUILIBRIUM ITERATIONS
25	
&UROADF	UROAD CAPACITY FACTOR
0.75	
&DAMPING	DAMPING FACTOR USED TO MINIMIZE TIME MODULATIONS BETWEEN
ITERATION	
0.5	
&BPRMAX	
4.0	
&EPS	
0.10	
&CTOLL	COEFFICIENT OF TOLL FACTOR USED IN TOLL MODEL
0.08	

&TOLLS1 CONTINUITY 0.10	NOT USED BUT KEEP IN PROFILE.MAS FOR MODEL STREAM
&TOLLS2 CONTINUITY 0.15	NOT USED BUT KEEP IN PROFILE.MAS FOR MODEL STREAM
&TOLLS3 CONTINUITY 0.20	NOT USED BUT KEEP IN PROFILE.MAS FOR MODEL STREAM
&TOLLS4 CONTINUITY 0.25	NOT USED BUT KEEP IN PROFILE.MAS FOR MODEL STREAM
&TOLLS5 CONTINUITY 0.30	NOT USED BUT KEEP IN PROFILE.MAS FOR MODEL STREAM
&TOLLS6 CONTINUITY 0.35	NOT USED BUT KEEP IN PROFILE.MAS FOR MODEL STREAM
&TOLLS7 CONTINUITY 1.00	NOT USED BUT KEEP IN PROFILE.MAS FOR MODEL STREAM
&TOLLS8 CONTINUITY 0.001	NOT USED BUT KEEP IN PROFILE.MAS FOR MODEL STREAM
&TOLLS9 CONTINUITY 0.00	NOT USED BUT KEEP IN PROFILE.MAS FOR MODEL STREAM
&TOLLS10 CONTINUITY 0.00	NOT USED BUT KEEP IN PROFILE.MAS FOR MODEL STREAM
&TOLLS11 CONTINUITY 0.00	NOT USED BUT KEEP IN PROFILE.MAS FOR MODEL STREAM
&TOLLS12 CONTINUITY 0.00	NOT USED BUT KEEP IN PROFILE.MAS FOR MODEL STREAM
&TOLLS13 CONTINUITY 0.00	NOT USED BUT KEEP IN PROFILE.MAS FOR MODEL STREAM
&TOLLS14 CONTINUITY 0.00	NOT USED BUT KEEP IN PROFILE.MAS FOR MODEL STREAM
&TOLLS15 CONTINUITY 0.00	NOT USED BUT KEEP IN PROFILE.MAS FOR MODEL STREAM
&TOLLS16 CONTINUITY 0.00	NOT USED BUT KEEP IN PROFILE.MAS FOR MODEL STREAM
&TOLLS17 CONTINUITY 0.00	NOT USED BUT KEEP IN PROFILE.MAS FOR MODEL STREAM
&TOLLS18 CONTINUITY 0.00	NOT USED BUT KEEP IN PROFILE.MAS FOR MODEL STREAM
&TOLLS19 CONTINUITY 0.00	NOT USED BUT KEEP IN PROFILE.MAS FOR MODEL STREAM

&TOLLS20 CONTINUITY 0.00	NOT USED BUT KEEP IN PROFILE.MAS FOR MODEL STREAM
&SERVT1 CONTINUITY 0.10	NOT USED BUT KEEP IN PROFILE.MAS FOR MODEL STREAM
&SERVT2 CONTINUITY 0.15	NOT USED BUT KEEP IN PROFILE.MAS FOR MODEL STREAM
&SERVT3 CONTINUITY 0.20	NOT USED BUT KEEP IN PROFILE.MAS FOR MODEL STREAM
&SERVT4 CONTINUITY 0.25	NOT USED BUT KEEP IN PROFILE.MAS FOR MODEL STREAM
&SERVT5 CONTINUITY 0.30	NOT USED BUT KEEP IN PROFILE.MAS FOR MODEL STREAM
&SERVT6 CONTINUITY 0.35	NOT USED BUT KEEP IN PROFILE.MAS FOR MODEL STREAM
&SERVT7 CONTINUITY 1.00	NOT USED BUT KEEP IN PROFILE.MAS FOR MODEL STREAM
&SERVT8 CONTINUITY 0.001	NOT USED BUT KEEP IN PROFILE.MAS FOR MODEL STREAM
&SERVT9 CONTINUITY 0.00	NOT USED BUT KEEP IN PROFILE.MAS FOR MODEL STREAM
&SERVT10 CONTINUITY 0.00	NOT USED BUT KEEP IN PROFILE.MAS FOR MODEL STREAM
&SERVT11 CONTINUITY 0.00	NOT USED BUT KEEP IN PROFILE.MAS FOR MODEL STREAM
&SERVT12 CONTINUITY 0.00	NOT USED BUT KEEP IN PROFILE.MAS FOR MODEL STREAM
&SERVT13 CONTINUITY 0.00	NOT USED BUT KEEP IN PROFILE.MAS FOR MODEL STREAM
&SERVT14 CONTINUITY 0.00	NOT USED BUT KEEP IN PROFILE.MAS FOR MODEL STREAM
&SERVT15 CONTINUITY 0.00	NOT USED BUT KEEP IN PROFILE.MAS FOR MODEL STREAM
&SERVT16 CONTINUITY 0.00	NOT USED BUT KEEP IN PROFILE.MAS FOR MODEL STREAM
&SERVT17 CONTINUITY 0.00	NOT USED BUT KEEP IN PROFILE.MAS FOR MODEL STREAM
&SERVT18 CONTINUITY 0.00	NOT USED BUT KEEP IN PROFILE.MAS FOR MODEL STREAM

&SERVT19 NOT USED BUT KEEP IN PROFILE.MAS FOR MODEL STREAM
CONTINUITY
0.00
&SERVT20 NOT USED BUT KEEP IN PROFILE.MAS FOR MODEL STREAM
CONTINUITY
0.00
&MAXTIM
70
&ATITER NUMBER OF GMODEL ITERATIONS
7
&AOFAC1 AUTO OCC FOR HBW
0.7936
&AOFAC2 AUTO OCC FOR HBSH
0.5747
&AOFAC3 AUTO OCC FOR HBSR
0.5747
&AOFAC4 AUTO OCC FOR HBO
0.5747
&AOFAC5 AUTO OCC FOR NHB
0.5917
&UNCONNECT MAXIMUM TRANSIT TIME
255
&NUMFARE MAXIMUM NUMBER OF FARE CATEGORIES
8
&HOV SWITCH FOR HOV TYPE
TYPE1
&HOV1
HOV LINKS, LINK GROUP 2 = 80-89
&HOV2 IDENTIFIES WHICH HTTAB TRIPS SHOULD BE ASSIGNED
SELECTED PURPOSES = 1-2
&HOV3 FOR PLOTTING AND REPORTING, ADD LOV AND HOV TRIPS TOGETHER
ADD PURPOSES = 1-2
&PERIOD
24
&PLOTTER
HP7586
&PLOTPENS
8
&PLOTSIZE
30
&PAPER
NORMALD
&PLOTFAC
600
&DATA
DATA
&PLOTWIN
PLOTXY.STD
&PLOTWINA
PLOTXYA.STD
&PLOTWINB
PLOTXYB.STD
&PLOTWINC
PLOTXYC.STD
&PLOTWIND
PLOTXYD.STD
&PLOTWINE

PLOTXYE.STD
&PLOTWINF
PLOTXYF.STD
&PLOTWING
PLOTXYG.STD
&PLOTWINH
PLOTXYH.STD
&CHARHT
0.05
&NAMEB
SOUTH DADE (B)
&NAMEM
MIC/INTERCON (M)
&NAMEP
NORTH/BEACH CORR (P)
&NAMEQ
EAST/WEST CORRIDOR(Q)
&NAMER
DOWNTOWN MIAMI (R)
&NAMES
KENDALL/SOUTH CORR(S)
&NAMET
WEST CENTRAL AREA (T)
&NAMEU
NW/PALMETTO CORR (U)
&NAMEV
I95/NORTH CORRIDOR(V)
&NAMEZ
SUNPIKE/27TH AVE (Z)
&NAME1
SW (1)
&NAME2
NW (2)
&NAME3
NE (3)
&NAME4
SE (4)
&MAXUTIL
0.75
&QUEMAX
100
&QUELIM
4.9
&NUMFARE
9
&TOLLMF
TOLL FACILITIES MODEL
&MULTSQ
MULTIPLE SERVER QUEUES
&ACCUQT FLAG FOR USING TOLL FACILTIES MODEL
~ ACCUMULATE QUEUEING TIME
&GMTIME
TIME2
&CITYCODE
MIA
&TITLE
1999 MTPM

&MAXD	Maximum sidewalk area around stations
0.4	
&TERM	Auto access terminal time (home end)
2.0	
&DEF	Default auto access time
2.0	
&NOPT	Usage check on second auto connector
1	
&BACK	Backtrack flag for auto connector
1	
&AOC	Auto operating costs
9.5	
&OC3	Average 3+ auto occupancy
3.20 3.20 3.20	3.20 3.20
&OCTA	Average park/ride auto occupancy
1.2 1.2 1.2	
&TASPD	Average auto access speed
26.0 26.0	
&MINRUN1	Minimum walk-to-local run time
3.0	
&MINRUN2	Minimum walk-to-premium run time
3.0	
&MINRUN3	Minimum auto-to-local run time
30.0	
&MINRUN4	Minimum auto-to-premium run time
6.0	
&INFL1	Transit fare inflation
1.0	
&INFL2	Auto operating cost inflation
1.0	
&INFL3	Parking cost inflation
1.0	
&MSMIN	Minimum mode split
0.01 0.01 0.01	
&HOVUSE	HOV usage flag
2	
&HOVMIN	HOV minimum time
3.0	
&RAILAC	Station walk access impedance flag
0	
&VAL	Validation summary flag
0	
&KRFAC	Kiss/ride additional impedance factor
1.50	
&JITNEY	Jitney flag (0=none, 1=base, 2=alt)
1	
&VERS	Model Version (1=standard FSUTMS, 2=Orlando 10 purposes)
1	
&DEFMS	Default Regional Mode Splits
0.07770 0.02970	0.02970
&DEFUPD	Update Zonal Default Mode Splits (1=yes, 2=no)
1	
&MAXTIM	
70	
&TRIZONE	TRI RAIL EXTERNAL ZONE
1467	
&MAXTIME	

```

120
&ROTANG
270
&PORTRAIT
0
&LANDSCAPE
0
&ROTANGW

&PLT
plt
&ASCII
YES
&DATABASE          Optional entry to enable database capability
NO
&DBCOOUT          When activated, writes database files for TASSIGN
      DBC OUTPUT, INET
&MINUROADFAC      Specifies minimum UROAD factor allowed (Optional)
0.50
&MAXUROADFAC      Specifies maximum UROAD factor allowed
1.00
&MINCONFAC        Specifies minimum CONFAC factor allowed
0.04
&MAXCONFAC        Specifies maximum CONFAC factor allowed
1.00
&MINBPRCOEFF      Specifies minimum BPR coefficient allowed
0.0
&MAXBPRCOEFF      Specifies maximum BPR coefficient allowed
1.00
&MINBPREXP        Specifies minimum BPR exponent allowed
1.00
&MAXBPREXP        Specifies maximum BPR exponent allowed
10.00
&EMISTABLES       Tables on HTTAB file for intrazonal emissions (default =
1)
1
&ASCII             Outputs file HRLDXY.ASC (similar to NETCARD output)
YES
&VFACTORS         Required entry. YES must start in column one
YES
&DATABASE          Optional entry to enable database capability
NO
&DBCOOUT          When activated, writes database files for TASSIGN
      ~ DBC OUTPUT, INET
&MINUROADFAC      Specifies minimum UROAD factor allowed (Optional)
0.50
&MAXUROADFAC      Specifies maximum UROAD factor allowed
1.00
&MINCONFAC        Specifies minimum CONFAC factor allowed
0.04
&MAXCONFAC        Specifies maximum CONFAC factor allowed
1.00
&MINBPRCOEFF      Specifies minimum BPR coefficient allowed
0.0
&MAXBPRCOEFF      Specifies maximum BPR coefficient allowed
1.00
&MINBPREXP        Specifies minimum BPR exponent allowed

```

```
1.00          Specifies maximum BPR exponent allowed
&MAXBPREXP
10.00
&EMISTABLES Tables on HTTAB file for intrazonal emissions (default =
1)
1
&ASCII        Outputs file HRLDXY.ASC (similar to NETCARD output)
YES
&MODELCAP
~ MODEL CAPACITY
&COLORS
1,2,3,4,5,6,7,8
&ACTC        REPORT TRANSIT TRIPS=0 for CENTERS, 1 FOR TAZs
1
&KTHROW       ACTIVITY CENTER TEMP FILES, 1=KEEP, 0=DELETE
1
&STDZ2        STANDARD FSUTMSZ2, 1=TRUE, 0=RTA
1
&SELZONE      SELECTED TAZ
1506
&DTBZERO
7000
```

YEAR 2005 EMIS.OUT

FLORIDA STANDARD URBAN TRANSPORTATION MODELING STRUCTURE --
 EMISSION MODEL FOR MOBILE 6 -- PROGRAM DATE: 16JAN02
 - RUN TIME: 10:34:47 09DEC04

 * MOBILE6.2 (31-Oct-2002) *
 * Input file: MOBILE6.IN (file 1, run 1). *

*These factors are for Southeast Florida only!

M603 Comment:

User has disabled the calculation of REFUELING emissions.

* #
 * SPEED = EPA default speed distribution
 * File 1, Run 1, Scenario 1.
 * #
 M 48 Warning:

there are no sales for vehicle class HDGV8b

Calendar Year: 2005
 Month: July
 Altitude: Low
 Minimum Temperature: 69.3 (F)
 Maximum Temperature: 91.2 (F)
 Absolute Humidity: 100. grains/lb
 Nominal Fuel RVP: 7.8 psi
 Weathered RVP: 7.5 psi
 Fuel Sulfur Content: 92. ppm

Exhaust I/M Program: No
 Evap I/M Program: No
 ATP Program: No
 Reformulated Gas: No

LDDT	Vehicle Type: HDDV	LDGV MC	LDGT12 All Veh	LDGT34	LDGT	HDGV	LDVV
	GVWR:		<6000	>6000	(All)		
-----	-----	-----	-----	-----	-----	-----	-----
0.0019	VMT Distribution: 0.0849	0.4158 0.0057	0.3387 1.0000	0.1165		0.0360	0.0006
-----	-----	-----	-----	-----	-----	-----	-----

Composite Emission Factors (g/mi):							
0.801	Composite VOC : 0.540	1.119 2.24	1.139 1.171	1.782	1.303	1.432	0.578
1.408	Composite CO : 3.046	13.16 16.25	15.11 13.764	18.96	16.09	16.98	1.617
1.371	Composite NOX : 11.448	0.865 1.06	1.032 2.001	1.335	1.110	4.321	1.319
-----	-----	-----	-----	-----	-----	-----	-----

Year = 2005

Vehicle Type	VMT Distribution
--------------	------------------

LDGV	0.4158
LDGT12	0.3387
LDGT34	0.1165
LDGT	0.0000
HDGV	0.0360
LDDV	0.0006
LDDT	0.0019
HDDV	0.0849
MC	0.0057
All Veh	1.0000

Speeds: 1.0 65.0

VOC:	1.171	1.171
CO:	13.764	13.764
NOX:	2.001	2.001

INPUT CARD ECHO

INFO all reported values have been adjusted by EMISFAC = 0.9991

SCENARIO 1 MOBILE.TEM
 THE FOLLOWING IS A MATRIX WHICH ASSIGNS A SCENARIO TO EACH FT/AT COMBINATION
 AT=> 1 2 3 4 5

FT	1	2	3	4	5
1	1	1	1	1	1
2	1	1	1	1	1
3	1	1	1	1	1
4	1	1	1	1	1
5	1	1	1	1	1
6	1	1	1	1	1
7	1	1	1	1	1
8	1	1	1	1	1
9	1	1	1	1	1

INPUT COORDINATE SCALE(UNITS) FROM PROFILE.MAS IS 5280

INFO ALL REPORT VALUES ARE BEING ADJUSTED BY A FACTOR OF 0.9991

EMISSIONS IN GRAMS PER DAY

INFO all reported values have been adjusted by EMISFAC = 0.9991

- - - - -
 GEOGRAPHIC LOCATION NO 1

INFO all reported values have been adjusted by EMISFAC = 0.9991

FT	AT	VOC	CO	NOx
1	1	496522.	5836146.	848454.
1	2	113264.	1331312.	193545.
1	3	6799343.	79919816.	11618690.
1	4	5431654.	63843948.	9281585.
1	5	225184.	2646820.	384793.

2	1	261598.	3074837.	447017.
2	2	15490.	182068.	26469.
2	3	10658482.	125280744.	18213224.
2	4	10687544.	125622024.	18262834.
2	5	450356.	5293509.	769566.
3	1	178288.	2095605.	304658.
3	2	1796.	21116.	3070.
3	3	3200802.	37622352.	5469504.
3	4	1589558.	18683756.	2716228.
3	5	599276.	7043921.	1024040.
4	1	87993.	1034278.	150363.
4	2	11919.	140099.	20367.
4	3	4263572.	50114240.	7285577.
4	4	1354060.	15915710.	2313812.
4	5	410779.	4828315.	701937.
5	1	53410.	627779.	91266.
5	2	3694.	43423.	6313.
5	3	2010118.	23627036.	3434882.
5	4	1240807.	14584514.	2120284.
5	5	268839.	3159947.	459390.
6	1	237238.	2788507.	405391.
6	2	9764.	114761.	16684.
6	3	310455.	3649102.	530504.
6	4	624922.	7345362.	1067863.
7	1	132347.	1555612.	226154.
7	2	48688.	572278.	83197.
7	3	910585.	10703075.	1556006.
7	4	641557.	7540902.	1096290.
7	5	29018.	341078.	49586.
8	3	642403.	7550844.	1097736.
8	4	31292.	367809.	53472.
9	3	3323164.	39060644.	5678611.
9	4	134216.	1577584.	229348.
9	5	904676.	10633615.	1545907.

GL TOTAL 58394644.686373696. 99784120.
 (TONS) 64.31 755.92 109.89

GEOGRAPHIC LOCATION NO 2

INFO all reported values have been adjusted by EMISFAC = 0.9991

FT AT	VOC	CO	NOx
-------	-----	----	-----

GL TOTAL	0.	0.	0.
(TONS)	0.00	0.00	0.00

EMISSIONS IN GRAMS PER DAY

INFO all reported values have been adjusted by EMISFAC = 0.9991

- - - - -
GEOGRAPHIC LOCATION NO 3

INFO all reported values have been adjusted by EMISFAC = 0.9991

FT	AT	VOC	CO	NOx
2	3	711.	8362.	1216.
3	3	7562.	88879.	12921.
3	5	16429.	193110.	28074.
4	3	18911.	222278.	32315.
4	5	3500.	41143.	5981.
5	3	2301.	27049.	3932.
5	4	3461.	40679.	5914.
GL TOTAL		52875.	621500.	90353.
(TONS)		0.06	0.68	0.10

EMISSIONS IN GRAMS PER DAY

INFO all reported values have been adjusted by EMISFAC = 0.9991

- - - - -
ALL GEOGRAPHIC LOCATIONS

FT	AT	VOC	CO	NOx
1	1	496522.	5836146.	848454.
1	2	113264.	1331312.	193545.
1	3	6799343.	79919816.	11618690.
1	4	5431654.	63843948.	9281585.
1	5	225184.	2646820.	384793.
2	1	261598.	3074837.	447017.
2	2	15490.	182068.	26469.
2	3	10659193.125289104.	18214438.	
2	4	10687544.125622024.	18262834.	
2	5	450356.	5293509.	769566.
3	1	178288.	2095605.	304658.
3	2	1796.	21116.	3070.
3	3	3208363.	37711228.	5482426.
3	4	1589558.	18683756.	2716228.
3	5	615705.	7237032.	1052114.
4	1	87993.	1034278.	150363.
4	2	11919.	140099.	20367.
4	3	4282481.	50336516.	7317891.
4	4	1354060.	15915710.	2313812.
4	5	414279.	4869458.	707918.
5	1	53410.	627779.	91266.
5	2	3694.	43423.	6313.
5	3	2012420.	23654086.	3438814.
5	4	1244268.	14625193.	2126198.

5	5	268839.	3159947.	459390.
6	1	237238.	2788507.	405391.
6	2	9764.	114761.	16684.
6	3	310455.	3649102.	530504.
6	4	624922.	7345362.	1067863.
7	1	132347.	1555612.	226154.
7	2	48688.	572278.	83197.
7	3	910585.	10703075.	1556006.
7	4	641557.	7540902.	1096290.
7	5	29018.	341078.	49586.
8	3	642403.	7550844.	1097736.
8	4	31292.	367809.	53472.
9	3	3323164.	39060644.	5678611.
9	4	134216.	1577584.	229348.
9	5	904676.	10633615.	1545907.
SUM		58447532.686995200.	99874456.	
(TONS)		64.37	756.60	109.99

EMISSIONS IN GRAMS PER DAY

INFO all reported values have been adjusted by EMISFAC = 0.9991

FACILITY			
	TYPE	VOC	CO
		NOx	
1	13065966.153578128.	22327068.	
2	22074200.259461680.	37720296.	
3	5593706.	65748744.	9558506.
4	6150730.	72296136.	10510354.
5	3582634.	42110412.	6121970.
6	1182378.	13897734.	2020442.
7	1762194.	20712934.	3011231.
8	673695.	7918654.	1151208.
9	4362056.	51271860.	7453868.
SUM	58447532.686995200.	99874456.	
(TONS)	64.37	756.60	109.99

AREA			
	TYPE	VOC	CO
		NOx	
1	1447395.	17012760.	2473304.
2	204615.	2405058.	349645.
3	32148436.	377874816.	54935216.
4	21739044.	255522224.	37147664.
5	2908057.	34181468.	4969274.
SUM	58447532.686995200.	99874456.	
(TONS)	64.37	756.60	109.99

NUMBER			
	LANES	VOC	CO
		NOx	

1	12682339.	149069024.	21671502.
2	19069470.	224144528.	32585934.
3	18144936.	213277040.	31006034.
4	5784450.	67990760.	9884451.
5	2436194.	28635162.	4162959.
6	312460.	3672674.	533931.
7	0.	0.	0.
8	17622.	207128.	30112.
SUM	58447532.	686995200.	99874456.
(TONS)	64.37	756.60	109.99

DAILY VEHICLE MILES

INFO all reported values have been adjusted by EMISFAC = 0.9991

- - - - - DAILY VMT - GEOGRAPHIC LOCATION NO 1:

INFO all reported values have been adjusted by EMISFAC = 0.9991

FT	AREA TYPES					TOTAL
	1	2	3	4	5	
1	424015.	96724.	5806440.	4638474.	192300.	11157954.
2	223397.	13228.	9102062.	9126846.	384591.	18850122.
3	152253.	1534.	2733386.	1357436.	511764.	4756373.
4	75144.	10179.	3640966.	1156328.	350793.	5233409.
5	45610.	3155.	1716581.	1059613.	229580.	3054540.
6	202594.	8338.	265119.	533665.	0.	1009716.
7	113020.	41578.	777614.	547872.	24780.	1504864.
8	0.	0.	548594.	26723.	0.	575316.
9	0.	0.	2837885.	114617.	772567.	3725069.

GL TOTAL 1236035. 174735. 27428648. 18561554. 2466378. 49867352.

- - - - - DAILY VMT - GEOGRAPHIC LOCATION NO 2:

INFO all reported values have been adjusted by EMISFAC = 0.9991

FT	AREA TYPES					TOTAL
	1	2	3	4	5	
1	0.	0.	0.	0.	0.	0.
2	0.	0.	0.	0.	0.	0.
3	0.	0.	0.	0.	0.	0.
4	0.	0.	0.	0.	0.	0.
5	0.	0.	0.	0.	0.	0.
6	0.	0.	0.	0.	0.	0.
7	0.	0.	0.	0.	0.	0.
8	0.	0.	0.	0.	0.	0.
9	0.	0.	0.	0.	0.	0.

GL TOTAL 0. 0. 0. 0. 0. 0.

DAILY VMT - GEOGRAPHIC LOCATION NO 3:

INFO all reported values have been adjusted by EMISFAC = 0.9991

FT	AREA TYPES					TOTAL
	1	2	3	4	5	
1	0.	0.	0.	0.	0.	0.
2	0.	0.	608.	0.	0.	608.
3	0.	0.	6457.	0.	14030.	20487.
4	0.	0.	16149.	0.	2989.	19138.
5	0.	0.	1965.	2955.	0.	4921.
6	0.	0.	0.	0.	0.	0.
7	0.	0.	0.	0.	0.	0.
8	0.	0.	0.	0.	0.	0.
9	0.	0.	0.	0.	0.	0.
GL TOTAL	0.	0.	25179.	2955.	17019.	45154.

DAILY VEHICLE MILES

INFO all reported values have been adjusted by EMISFAC = 0.9991

DAILY VMT - ALL GEOGRAPHIC LOCATIONS

FT	AREA TYPES					TOTAL
	1	2	3	4	5	
1	424015.	96724.	5806440.	4638474.	192300.	11157954.
2	223397.	13228.	9102669.	9126846.	384591.	18850730.
3	152253.	1534.	2739844.	1357436.	525794.	4776861.
4	75144.	10179.	3657115.	1156328.	353782.	5252548.
5	45610.	3155.	1718546.	1062569.	229580.	3059460.
6	202594.	8338.	265119.	533665.	0.	1009716.
7	113020.	41578.	777614.	547872.	24780.	1504864.
8	0.	0.	548594.	26723.	0.	575316.
9	0.	0.	2837885.	114617.	772567.	3725069.
TOTAL	1236035.	174735.	27453828.	18564508.	2483398.	49912504.

DAILY VMT

FACILITY
TYPE

1	11157953.
2	18850708.
3	4776866.
4	5252542.
5	3059459.
6	1009717.
7	1504863.
8	575316.
9	3725071.

TOTAL 49912356.

DAILY VMT
AREA
TYPE

1	1236035.
2	174735.
3	27453828.
4	18564508.
5	2483398.

TOTAL 49912356.

DAILY VMT
NUMBER
LANES

1	10830377.
2	16284840.
3	15495262.
4	4939754.
5	2080439.
6	266832.
7	0.
8	15049.

TOTAL 49912356.

DAILY VEHICLE HOURS

INFO all reported values have been adjusted by EMISFAC = 0.9991

DAILY VHT - GEOGRAPHIC LOCATION NO 1

INFO all reported values have been adjusted by EMISFAC = 0.9991

FT	AREA TYPES					TOTAL
	1	2	3	4	5	
1	11534.	2759.	282807.	199208.	3439.	499747.
2	15496.	384.	430121.	506522.	8362.	960884.
3	10189.	54.	136794.	78306.	12170.	237513.
4	4625.	690.	167450.	67517.	11293.	251576.
5	4481.	252.	103062.	69341.	5982.	183119.
6	15131.	517.	11989.	27300.	0.	54937.
7	6657.	2106.	46054.	32892.	603.	88313.
8	0.	0.	18881.	746.	0.	19627.
9	0.	0.	120964.	3015.	19299.	143278.
GL TOTAL	68112.	6763.	1318123.	984846.	61148.	2438991.

DAILY VHT - GEOGRAPHIC LOCATION NO 2

INFO all reported values have been adjusted by EMISFAC = 0.9991

FT	AREA TYPES					TOTAL
	1	2	3	4	5	
1	0.	0.	0.	0.	0.	0.
2	0.	0.	0.	0.	0.	0.
3	0.	0.	0.	0.	0.	0.
4	0.	0.	0.	0.	0.	0.
5	0.	0.	0.	0.	0.	0.
6	0.	0.	0.	0.	0.	0.
7	0.	0.	0.	0.	0.	0.
8	0.	0.	0.	0.	0.	0.
9	0.	0.	0.	0.	0.	0.
GL TOTAL	0.	0.	0.	0.	0.	0.

DAILY VHT - GEOGRAPHIC LOCATION NO 3

INFO all reported values have been adjusted by EMISFAC = 0.9991

FT	AREA TYPES					TOTAL
	1	2	3	4	5	
1	0.	0.	0.	0.	0.	0.
2	0.	0.	15.	0.	0.	15.
3	0.	0.	212.	0.	278.	490.
4	0.	0.	487.	0.	77.	564.
5	0.	0.	124.	197.	0.	321.
6	0.	0.	0.	0.	0.	0.
7	0.	0.	0.	0.	0.	0.
8	0.	0.	0.	0.	0.	0.
9	0.	0.	0.	0.	0.	0.
GL TOTAL	0.	0.	838.	197.	355.	1390.

DAILY VEHICLE HOURS

INFO all reported values have been adjusted by EMISFAC = 0.9991

FT	AREA TYPES					TOTAL
	1	2	3	4	5	
1	11534.	2759.	282807.	199208.	3439.	499747.
2	15496.	384.	430136.	506522.	8362.	960899.
3	10189.	54.	137006.	78306.	12448.	238003.
4	4625.	690.	167938.	67517.	11370.	252139.
5	4481.	252.	103186.	69538.	5982.	183439.
6	15131.	517.	11989.	27300.	0.	54937.
7	6657.	2106.	46054.	32892.	603.	88313.
8	0.	0.	18881.	746.	0.	19627.

9	0.	0.	120964.	3015.	19299.	143278.
TOTAL	68112.	6763.	1318961.	985043.	61503.	2440381.

DAILY VHT
FACILITY
TYPE

1	499747.
2	960897.
3	238003.
4	252140.
5	183439.
6	54937.
7	88313.
8	19627.
9	143278.
TOTAL	2440378.

DAILY VHT
AREA
TYPE

1	68112.
2	6763.
3	1318961.
4	985043.
5	61503.
TOTAL	2440378.

DAILY VHT
NUMBER
LANES

1	598868.
2	773062.
3	840067.
4	149065.
5	65252.
6	7244.
7	0.
8	6823.
TOTAL	2440378.

AVERAGE CONGESTED SPEED (mph)

INFO all reported values have been adjusted by EMISFAC = 0.9991

- - - - -
AVERAGE SPEED - GEOGRAPHIC LOCATION NO 1

INFO all reported values have been adjusted by EMISFAC = 0.9991

FT	----- AREA TYPES -----				
	1	2	3	4	5
1	36.76	35.05	20.53	23.28	55.92
2	14.42	34.43	21.16	18.02	45.99
3	14.94	28.20	19.98	17.34	42.05
4	16.25	14.76	21.74	17.13	31.06
5	10.18	12.50	16.66	15.28	38.38
6	13.39	16.14	22.11	19.55	0.00
7	16.98	19.74	16.88	16.66	41.10
8	0.00	0.00	29.06	35.80	0.00
9	0.00	0.00	23.46	38.02	40.03
GL TOTAL	18.15	25.84	20.81	18.85	40.33

- - - - -
AVERAGE SPEED - GEOGRAPHIC LOCATION NO 2

INFO all reported values have been adjusted by EMISFAC = 0.9991

FT	----- AREA TYPES -----				
	1	2	3	4	5
1	0.00	0.00	0.00	0.00	0.00
2	0.00	0.00	0.00	0.00	0.00
3	0.00	0.00	0.00	0.00	0.00
4	0.00	0.00	0.00	0.00	0.00
5	0.00	0.00	0.00	0.00	0.00
6	0.00	0.00	0.00	0.00	0.00
7	0.00	0.00	0.00	0.00	0.00
8	0.00	0.00	0.00	0.00	0.00
9	0.00	0.00	0.00	0.00	0.00
GL TOTAL	0.00	0.00	0.00	0.00	0.00

- - - - -
AVERAGE SPEED - GEOGRAPHIC LOCATION NO 3

INFO all reported values have been adjusted by EMISFAC = 0.9991

FT	----- AREA TYPES -----				
	1	2	3	4	5
1	0.00	0.00	0.00	0.00	0.00
2	0.00	0.00	41.02	0.00	0.00
3	0.00	0.00	30.45	0.00	50.39
4	0.00	0.00	33.14	0.00	39.02

5	0.00	0.00	15.91	15.00	0.00
6	0.00	0.00	0.00	0.00	0.00
7	0.00	0.00	0.00	0.00	0.00
8	0.00	0.00	0.00	0.00	0.00
9	0.00	0.00	0.00	0.00	0.00
GL TOTAL	0.00	0.00	30.06	15.00	47.94

AVERAGE CONGESTED SPEED (mph)

INFO all reported values have been adjusted by EMISFAC = 0.9991

- - - - -
AVERAGE SPEED - ALL GEOGRAPHIC LOCATIONS
----- AREA TYPES -----

FT	1	2	3	4	5
1	36.76	35.05	20.53	23.28	55.92
2	14.42	34.43	21.16	18.02	45.99
3	14.94	28.20	20.00	17.34	42.24
4	16.25	14.76	21.78	17.13	31.12
5	10.18	12.50	16.65	15.28	38.38
6	13.39	16.14	22.11	19.55	0.00
7	16.98	19.74	16.88	16.66	41.10
8	0.00	0.00	29.06	35.80	0.00
9	0.00	0.00	23.46	38.02	40.03
TOTAL	18.15	25.84	20.81	18.85	40.38

AVERAGE SPEED
FACILITY
TYPE

1	22.33
2	19.62
3	20.07
4	20.83
5	16.68
6	18.38
7	17.04
8	29.31
9	26.00
TOTAL	20.45

AVERAGE SPEED
AREA
TYPE

1	18.15
2	25.84
3	20.81
4	18.85
5	40.38

TOTAL 20.45

AVERAGE SPEED

NUMBER
LANES

1	18.08
2	21.07
3	18.45
4	33.14
5	31.88
6	36.83
7	0.00
8	2.21

TOTAL 20.45

YEAR 2005 HEVAL.OUT

FLORIDA D.O.T.
PAGE NO. 1
FSUTMS
DATE 09DEC04
VER 5.50
TIME 10:09:14

miami

HIGHWAY ASSIGNMENT

"HELABELS.SYN" CONTENTS:

LABEL FT 11	1	1	FREWAY	FREWAY
LABEL FT 12	1	1		
LABEL FT 15	1	1		
LABEL FT 16	1	1		
LABEL FT 17	1	1		
LABEL FT 21	2	2	D. ART	DIV. ARTERIAL
LABEL FT 22	2	2		
LABEL FT 23	2	2		
LABEL FT 24	2	2		
LABEL FT 25	2	2		
LABEL FT 31	3	3	U. ART	UNDIV. ARTERIAL
LABEL FT 32	3	3		
LABEL FT 33	3	3		
LABEL FT 34	3	3		
LABEL FT 35	3	3		
LABEL FT 36	3	3		
LABEL FT 37	3	3		
LABEL FT 38	3	3		
LABEL FT 41	4	4	COLLCTR	COLLECTOR
LABEL FT 42	4	4		
LABEL FT 43	4	4		
LABEL FT 44	4	4		
LABEL FT 45	4	4		
LABEL FT 46	4	4		
LABEL FT 47	4	4		
LABEL FT 48	4	4		
LABEL FT 51	5	5	LOCAL	CENTROID CONN.
LABEL FT 52	5	5		
LABEL FT 61	6	6	1 WAY	ONE WAY
LABEL FT 62	6	6		
LABEL FT 63	6	6		
LABEL FT 64	6	6		
LABEL FT 65	6	6		
LABEL FT 66	6	6		
LABEL FT 67	6	6		
LABEL FT 68	6	6		
LABEL FT 71	7	7	RAMP	RAMPS
LABEL FT 72	7	7		
LABEL FT 73	7	7		
LABEL FT 74	7	7		
LABEL FT 75	7	7		
LABEL FT 76	7	7		
LABEL FT 77	7	7		
LABEL FT 78	7	7		
LABEL FT 79	7	7		
LABEL FT 81	8	8	HOV	HOV
LABEL FT 82	8	8		
LABEL FT 83	8	8		
LABEL FT 84	8	8		

"HELABELS.SYN" CONTENTS:

LABEL	FT	85	8	8	
LABEL	FT	86	8	8	
LABEL	FT	87	8	8	
LABEL	FT	88	8	8	
LABEL	FT	89	8	8	
LABEL	FT	91	9	9 TOLL	TOLL
LABEL	FT	92	9	9	
LABEL	FT	93	9	9	
LABEL	FT	94	9	9	
LABEL	FT	95	9	9	
LABEL	FT	96	9	9	
LABEL	FT	97	9	9	
LABEL	FT	98	9	9	
LABEL	FT	99	9	9	
LABEL	AT	11	1	1 CBD	CBD
LABEL	AT	12	1	1	
LABEL	AT	13	1	1	
LABEL	AT	14	1	1	
LABEL	AT	21	2	2 FRINGE	FRINGE
LABEL	AT	31	3	3 RESID.	RESIDENTIAL
LABEL	AT	32	3	3	
LABEL	AT	33	3	3	
LABEL	AT	34	3	3	
LABEL	AT	41	4	4 OBD	OBD
LABEL	AT	42	4	4	
LABEL	AT	43	4	4	
LABEL	AT	44	4	4	
LABEL	AT	51	5	5 RURAL	RURAL
LABEL	AT	52	5	5	

FACILITY TYPES SELECTED:

FACILITY TYPES SKIPPED:

1	2	3	4	5	6	7	8	9	10
11	12	13	14	15	16	17	18	19	20
21	22	23	24	25	26	27	28	29	30
31	32	33	34	35	36	37	38	39	40
41	42	43	44	45	46	47	48	49	50
51	52	53	54	55	56	57	58	59	60
61	62	63	64	65	66	67	68	69	70
71	72	73	74	75	76	77	78	79	80
81	82	83	84	85	86	87	88	89	90
91	92	93	94	95	96	97	98	99	

AREA TYPES SELECTED:

AREA TYPES SKIPPED:

1	2	3	4	5	6	7	8	9	10
11	12	13	14	15	16	17	18	19	20
21	22	23	24	25	26	27	28	29	30
31	32	33	34	35	36	37	38	39	40
41	42	43	44	45	46	47	48	49	50
51	52	53	54	55	56	57	58	59	60
61	62	63	64	65	66	67	68	69	70
71	72	73	74	75	76	77	78	79	80
81	82	83	84	85	86	87	88	89	90
91	92	93	94	95	96	97	98	99	

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*****      *****      *****      *****      *****      *****      *****      *****      *****      *****      ***      *      *
*   *   *   *   *   *   *   *   *   *   *   *   *   *   *   *   *   *   *   *   *   *   *   *   *   *
*   *   *   ****   ***   *   ****   *   ****   *   *   *   *   *   *   *   *   *   *   *   *   *   *
*   *   *   *   *   *   *   *   *   *   *   *   *   *   *   *   *   *   *   *   *   *   *   *   *   *
****      ****      ****      ****      *   *   *   ****   *   *   *   *   *   *   *   *   *   *   *   *
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HEVAL MODULE (D5520931.DRIVER.SETUP.FORT(HEVAL))

A GENERAL PURPOSE HIGHWAY EVALUATION PROGRAM DESIGNED TO PROVIDE THE TRANSPORTATION PLANNER WITH A TOOL TO EVALUATE A HIGHWAY ASSIGNMENT. THE PROGRAM OPERATES IN TWO MODES. ONE MODE ALLOWS THE USER TO PRINT A VARIETY OF REPORTS DESIGNED TO ASSIST IN THE TASK OF MODEL VALIDATION. THIS MODE IS REFERRED TO INTERNALLY AS VALIDATION AND IS SET BY THE USER WITH A STATEMENT - "VALIDATE=T" THE OTHER MODE IS AS AN ASSIGNMENT ANALYSIS TOOL. THIS MODE IS GENERALLY USED FOR ASSIGNMENTS TO FUTURE YEAR NETWORKS. THIS MODE IS SET BY THE USER WITH A STATEMENT "ANALYSIS=T".

INPUT DATA FOR THIS RUN:

USES HRLDXY FILE AS DATA SOURCE
RATES=1979 UROAD AND CUTS RATES

OUTPUT DATA SETS FOR THIS RUN:

PRINTOUT ONLY

DATE AND TIME OF THIS RUN:

09DEC04 (DDMMYY) 10:09:14 (HH.MM.SS)

TYPE OF RUN:
ANALYSIS

FACILITY AND AREA TYPES AS DEFINED IN THE HNET MODULE:

FACILITY TYPE 1 - FREEWAYS
FACILITY TYPE 2 - EXPRESSWAYS AND DIVIDED ARTERIALS
FACILITY TYPE 3 - UNDIVIDED ARTERIALS
FACILITY TYPE 4 - COLLECTORS
FACILITY TYPE 5 - LOCALS (CENTROID CONNECTORS) - NOT INCLUDED
FACILITY TYPE 6 - ONE WAYS
FACILITY TYPE 8 - HOV LINKS
FACILITY TYPE 9 - TOLL RAMPS

AREA TYPE 1 - CBD
AREA TYPE 2 - FRINGE
AREA TYPE 3 - RESIDENTIAL
AREA TYPE 4 - OBD
AREA TYPE 5 - RURAL

LANE VALUES REPORTED ARE TRUE LANE VALUES.

THE FOLLOWING RATES ARE USED IN THE VARIOUS CALCULATIONS:

ACCIDENT RATES: FREEWAYS - 1.060 PER MILLION VEHICLE MILES
ARTERIALS - 5.830 PER MILLION VEHICLE MILES
LOCALS - 8.630 PER MILLION VEHICLE MILES

INJURY RATES : FREEWAYS - 0.730 PER MILLION VEHICLE MILES
ARTERIALS - 3.850 PER MILLION VEHICLE MILES
LOCALS - 3.490 PER MILLION VEHICLE MILES

FATALITY RATES: FREEWAYS - 0.009 PER MILLION VEHICLE MILES
 ARTERIALS - 0.019 PER MILLION VEHICLE MILES
 LOCALS - 0.018 PER MILLION VEHICLE MILES

***	****	****	*	*	*	****	*****	*****	***	*	*	****
*	*	*	*	*	*	**	**	*	*	*	*	*
*****	***	***	*	*	*	*	*****	*	*	*	*	***
*	*	*	*	*	*	*	*	*	*	*	*	*
*	*	****	****	***	*	*	*	*	*****	***	*	***

CARBON MONOXIDE EMISSIONS (GRAMS PER VEHICLE MILE)												
SPEED			FT 1	FT 2	FT 3	FT 4	FT 5	FT 6	FT 7	FT 8	FT 9	
FT	8	3	FT	9	3	FT	3	3	FT	7	3	
3	LT 20	3	37.73	37.73	37.73	37.73	37.73	37.73	37.73	37.73	37.73	
37.73	37.73	3										
3	20 - 25	3	27.77	27.77	27.77	27.77	27.77	27.77	27.77	27.77	27.77	
27.77	27.77	3										
3	25 - 30	3	21.82	21.82	21.82	21.82	21.82	21.82	21.82	21.82	21.82	
21.82	21.82	3										
3	30 - 35	3	17.72	17.72	17.72	17.72	17.72	17.72	17.72	17.72	17.72	
17.72	17.72	3										
3	35 - 40	3	14.74	14.74	14.74	14.74	14.74	14.74	14.74	14.74	14.74	
14.74	14.74	3										
3	40 - 45	3	12.49	12.49	12.49	12.49	12.49	12.49	12.49	12.49	12.49	
12.49	12.49	3										
3	45 - 50	3	10.76	10.76	10.76	10.76	10.76	10.76	10.76	10.76	10.76	
10.76	10.76	3										
3	50 - 55	3	10.64	10.64	10.64	10.64	10.64	10.64	10.64	10.64	10.64	
10.64	10.64	3										
3	55 - 60	3	12.84	12.84	12.84	12.84	12.84	12.84	12.84	12.84	12.84	
12.84	12.84	3										
3	GE 60	3	17.23	17.23	17.23	17.23	17.23	17.23	17.23	17.23	17.23	
17.23	17.23	3										

HYDROCARBON EMISSIONS (GRAMS PER VEHICLE MILES)												
SPEED			FT 1	FT 2	FT 3	FT 4	FT 5	FT 6	FT 7	FT 8	FT 9	
FT	8	3	FT	9	3	FT	3	3	FT	7	3	
3	LT 20	3	2.30	2.30	2.30	2.30	2.30	2.30	2.30	2.30	2.30	
2.30	2.30	3										
3	20 - 25	3	1.73	1.73	1.73	1.73	1.73	1.73	1.73	1.73	1.73	
1.73	1.73	3										
3	25 - 30	3	1.47	1.47	1.47	1.47	1.47	1.47	1.47	1.47	1.47	
1.47	1.47	3										
3	30 - 35	3	1.29	1.29	1.29	1.29	1.29	1.29	1.29	1.29	1.29	
1.29	1.29	3										
3	35 - 40	3	1.16	1.16	1.16	1.16	1.16	1.16	1.16	1.16	1.16	
1.16	1.16	3										

³	40	-	45	³	1.05	1.05	1.05	1.05	1.05	1.05	1.05
1.05			1.05	³							
³	45	-	50	³	0.97	0.97	0.97	0.97	0.97	0.97	0.97
0.97			0.97	³							
³	50	-	55	³	0.95	0.95	0.95	0.95	0.95	0.95	0.95
0.95			0.95	³							
³	55	-	60	³	0.98	0.98	0.98	0.98	0.98	0.98	0.98
0.98			0.98	³							
³	GE	60	³	1.07	1.07	1.07	1.07	1.07	1.07	1.07	1.07
1.07		1.07	³								

OXIDES OF NITROGEN EMISSIONS (GRAMS PER VEHICLE MILE)

³	SPEED	³	FT	1	³	FT	2	³	FT	3	³	FT	4	³	FT	5	³	FT	6	³	FT	7	³	
FT	8	³	FT	9	³																			
³		³			³			³			³			³			³			³			³	
		³			³			³			³			³			³			³			³	
³		³			³			³			³			³			³			³			³	
³	LT	20	³	1.99		1.99		1.99		1.99		1.99		1.99		1.99		1.99		1.99		1.99		
1.99		1.99	³																					
³	20	-	25	³	1.89		1.89		1.89		1.89		1.89		1.89		1.89		1.89		1.89		1.89	
1.89		1.89	³																					
³	25	-	30	³	1.88		1.88		1.88		1.88		1.88		1.88		1.88		1.88		1.88		1.88	
1.88		1.88	³																					
³	30	-	35	³	1.89		1.89		1.89		1.89		1.89		1.89		1.89		1.89		1.89		1.89	
1.89		1.89	³																					
³	35	-	40	³	1.91		1.91		1.91		1.91		1.91		1.91		1.91		1.91		1.91		1.91	
1.91		1.91	³																					
³	40	-	45	³	1.94		1.94		1.94		1.94		1.94		1.94		1.94		1.94		1.94		1.94	
1.94		1.94	³																					
³	45	-	50	³	1.99		1.99		1.99		1.99		1.99		1.99		1.99		1.99		1.99		1.99	
1.99		1.99	³																					
³	50	-	55	³	2.25		2.25		2.25		2.25		2.25		2.25		2.25		2.25		2.25		2.25	
2.25		2.25	³																					
³	55	-	60	³	2.56		2.56		2.56		2.56		2.56		2.56		2.56		2.56		2.56		2.56	
2.56		2.56	³																					
³	GE	60	³	2.92		2.92		2.92		2.92		2.92		2.92		2.92		2.92		2.92		2.92		2.92
2.92		2.92	³																					

FUEL USE (GALLONS PER MILE)

EVAL USES CONSTRUCTION CODES TO CALCULATE NEW AND IMPROVED LANE MILES AND CONSTRUCTION COSTS. THE CODE DEFINITIONS ARE:

CODE

- 1 - ADD 2 LANES, FT REMAINS SAME (ONE WAY - ADD 1 LANE)
 - 2 - ADD 4 LANES, FT REMAINS SAME (ONE WAY - ADD 2 LANES)
 - 3 - ADD 6 LANES, FT REMAINS SAME (ONE WAY - ADD 3 LANES)
 - 4 - ADD 2 LANES, UPGRADE FT BY 1
 - 5 - ADD 2 LANES, UPGRADE FT BY 2
 - 6 - ADD 4 LANES, UPGRADE FT BY 1
 - 7 - NEW CONSTRUCTION - 2 LANES (ONE WAY - 1 LANE)
 - 8 - NEW CONSTRUCTION - 4 LANES (ONE WAY - 2 LANES)
 - 9 - NEW CONSTRUCTION - 6 LANES (ONE WAY - 3 LANES)
 - 0 - NO NEW CONSTRUCTION

CONSTRUCTION COST : THOUSAND DOLLARS PER MILE

	FT 3	FT 3	FT 1	FT 3	FT 2	FT 3	FT 3	FT 3	FT 4	FT 3	FT 5	FT 3	FT 6	FT 3	FT 7	FT 3
FT 8	3	FT 9	3													
	3	CODE	3		3		3		3		3		3		3	
	3		3													
	3		3													
1901.00	1901.00	1	1901.00	3	1478.00	1267.00	1267.00	0.00	1267.00	1267.00						
2628.00	2628.00	2	2628.00	3	2464.00	2217.00	2217.00	0.00	2217.00	2217.00						
2713.00	2713.00	3	2713.00	3	2851.00	2534.00	2534.00	0.00	2534.00	2534.00						
0.00	0.00	4	0.00	3	1478.00	1267.00	1267.00	0.00	1267.00	1267.00						
0.00	0.00	5	0.00	3	0.00	1267.00	1267.00	0.00	1267.00	1267.00						
0.00	0.00	6	0.00	3	2464.00	2217.00	2217.00	0.00	2217.00	2217.00						
0.00	0.00	7	0.00	3	1267.00	1267.00	1267.00	0.00	1267.00	1267.00						
2059.00	2059.00	8	2059.00	3	2112.00	1760.00	1760.00	0.00	1760.00	1760.00						
2628.00	2628.00	9	2628.00	3	2464.00	2218.00	2218.00	0.00	2218.00	2218.00						

HIGHWAY EVALUATION -- YEAR/ALT (c05) -- REPORT: TOTAL SYSTEM MILES

	CBD	FRINGE	RESID.	OBD	RURAL	Total
FREEWAY	6.14	1.68	86.42	55.62	2.03	151.89
D. ART	5.52	0.47	267.02	209.36	18.43	500.80
U. ART	7.51	0.20	161.27	57.14	63.64	289.76
COLLCTR	7.23	0.85	348.28	78.61	124.60	559.57
1 WAY	16.01	1.18	21.10	32.06	0.00	70.35
RAMP	6.19	1.96	49.88	32.12	1.78	91.93
HOV	0.00	0.00	45.31	3.30	0.00	48.61
TOLL	0.00	0.00	107.37	4.37	25.42	137.16
Totals	48.60	6.34	1086.65	472.58	235.90	1850.07

HIGHWAY EVALUATION -- YEAR/ALT (c05) -- REPORT: TOTAL LANE MILES

	CBD	FRINGE	RESID.	OBD	RURAL	Total
FREEWAY	22.26	5.63	298.51	201.67	10.40	538.47
D. ART	25.13	2.32	1182.71	1030.99	76.36	2317.51
U. ART	25.44	0.40	402.14	180.84	136.96	745.78
COLLCTR	16.75	1.70	849.86	211.34	264.38	1344.03
1 WAY	42.73	2.55	50.45	82.05	0.00	177.78
RAMP	8.09	2.79	68.00	42.14	3.02	124.04
HOV	0.00	0.00	45.31	3.30	0.00	48.61
TOLL	0.00	0.00	267.92	7.74	81.04	356.70
Totals	140.40	15.39	3164.90	1760.07	572.16	5652.92

HIGHWAY EVALUATION -- YEAR/ALT (c05) -- REPORT: TOTAL DIRECTIONAL SYSTEM MILES

	CBD	FRINGE	RESID.	OBD	RURAL	Total
FREEWAY	6.14	1.68	90.82	55.62	2.60	156.86
D. ART	11.04	0.94	534.04	418.72	36.86	1001.60
U. ART	14.98	0.40	322.54	114.28	127.28	579.48
COLLCTR	14.46	1.70	696.56	157.22	249.20	1119.14
1 WAY	16.01	1.18	21.10	32.06	0.00	70.35
RAMP	6.19	1.96	51.58	32.38	1.78	93.89
HOV	0.00	0.00	45.31	3.30	0.00	48.61
TOLL	0.00	0.00	107.78	4.37	25.42	137.57
Totals	68.82	7.86	1869.73	817.95	443.14	3207.50

HIGHWAY EVALUATION -- YEAR/ALT (c05) -- REPORT: AVERAGE LINK LENGTH USING SYSTEM MILES

	CBD	FRINGE	RESID.	OBD	RURAL	Total
FREEWAY	0.17	0.14	0.33	0.31	0.34	0.31
D. ART	0.12	0.09	0.26	0.20	0.43	0.23
U. ART	0.09	0.10	0.27	0.20	0.68	0.27
COLLCTR	0.09	0.08	0.26	0.21	0.50	0.27
1 WAY	0.06	0.07	0.22	0.23	0.00	0.14
RAMP	0.10	0.10	0.11	0.09	0.16	0.10
HOV	0.00	0.00	0.17	0.16	0.00	0.17
TOLL	0.00	0.00	0.26	0.15	0.58	0.29
Totals	0.08	0.10	0.24	0.20	0.53	0.23

HIGHWAY EVALUATION -- YEAR/ALT (c05) -- REPORT: TOTAL VMT USING VOLUMES ON
LINKS WITH CAPACITIES

	CBD	FRINGE	RESID.	OBD	RURAL	Total
FREEWAY	424406	96813	5811787	4642745	192477	11168228
D. ART	223603	13240	9111050	9135247	384945	18868084
U. ART	152393	1536	2742368	1358686	526278	4781261
COLLCTR	75213	10188	3663919	1157393	354108	5260821
1 WAY	202781	8345	265364	534156	0	1010646
RAMP	113124	41616	778330	548376	24803	1506249
HOV	0	0	549099	26747	0	575846
TOLL	0	0	2840499	114722	773279	3728500
Totals	1191519	171739	25762414	17518072	2255891	46899636

HIGHWAY EVALUATION -- YEAR/ALT (c05) -- REPORT: TOTAL VMT USING CAPACITY

	CBD	FRINGE	RESID.	OBD	RURAL	Total
FREEWAY	429973	108776	5567039	3782039	188443	10076271
D. ART	206887	20539	10391207	8824587	1044587	20487808
U. ART	186236	2574	2952623	1369907	1681244	6192583
COLLCTR	97266	9794	5029154	1278103	1667747	8082063
1 WAY	310278	20472	402827	625736	0	1359313
RAMP	126469	42463	1025941	641030	37225	1873129
HOV	0	0	849563	61875	0	911438
TOLL	0	0	4942500	140186	1464505	6547191
Totals	1357109	204618	31160854	16723463	6083750	55529792

HIGHWAY EVALUATION -- YEAR/ALT (c05) -- REPORT: RATIO OF VOLUME OVER CAPACITY
VMT

	CBD	FRINGE	RESID.	OBD	RURAL	Total
FREEWAY	0.99	0.89	1.04	1.23	1.02	1.11
D. ART	1.08	0.64	0.88	1.04	0.37	0.92
U. ART	0.82	0.60	0.93	0.99	0.31	0.77
COLLCTR	0.77	1.04	0.73	0.91	0.21	0.65
1 WAY	0.65	0.41	0.66	0.85	0.00	0.74
RAMP	0.89	0.98	0.76	0.86	0.67	0.80
HOV	0.00	0.00	0.65	0.43	0.00	0.63
TOLL	0.00	0.00	0.57	0.82	0.53	0.57
Totals	0.88	0.84	0.83	1.05	0.37	0.84

HIGHWAY EVALUATION -- YEAR/ALT (c05) -- REPORT: TOTAL VHT USING VOLUMES ON
LINKS WITH CAPACITIES

	CBD	FRINGE	RESID.	OBD	RURAL	Total
FREEWAY	11544	2762	283069	199392	3442	500209
D. ART	15510	385	430533	506990	8370	961787
U. ART	10199	54	137132	78378	12459	238223
COLLCTR	4629	690	168223	67580	11381	252503
1 WAY	15145	517	12000	27325	0	54988
RAMP	6664	2108	46097	32922	604	88394
HOV	0	0	18898	747	0	19645
TOLL	0	0	121075	3018	19317	143410
Totals	63690	6516	1217028	916352	55572	2259159

HIGHWAY EVALUATION -- YEAR/ALT (c05) -- REPORT: TOTAL VHT USING CAPACITIES

	CBD	FRINGE	RESID.	OBD	RURAL	Total
FREEWAY	11209	2762	210538	145646	3346	373502
D. ART	13131	567	436848	437575	21380	909501
U. ART	11033	91	130840	66918	37669	246550
COLLCTR	5482	612	199264	60930	44401	310688
1 WAY	21356	1034	16709	29889	0	68988
RAMP	6027	1797	44007	31121	785	83736
HOV	0	0	24834	1338	0	26172
TOLL	0	0	214022	4384	45319	263724
Totals	68237	6863	1277061	777800	152900	2282861

HIGHWAY EVALUATION -- YEAR/ALT (c05) -- REPORT: RATIO OF VOLUME OVER CAPACITY
VHT

	CBD	FRINGE	RESID.	OBD	RURAL	Total
FREEWAY	1.03	1.00	1.34	1.37	1.03	1.34
D. ART	1.18	0.68	0.99	1.16	0.39	1.06
U. ART	0.92	0.60	1.05	1.17	0.33	0.97
COLLCTR	0.84	1.13	0.84	1.11	0.26	0.81
1 WAY	0.71	0.50	0.72	0.91	0.00	0.80
RAMP	1.11	1.17	1.05	1.06	0.77	1.06
HOV	0.00	0.00	0.76	0.56	0.00	0.75
TOLL	0.00	0.00	0.57	0.69	0.43	0.54
Totals	0.93	0.95	0.95	1.18	0.36	0.99

HIGHWAY EVALUATION -- YEAR/ALT (c05) -- REPORT: TOTAL VOLUME ON ALL LINKS WITH CAPACITIES

	CBD	FRINGE	RESID.	OBD	RURAL	Total
FREEWAY	2468649	711169	16832922	14889106	531189	35433036
D. ART	1978104	143316	35904968	46599652	920821	85546856
U. ART	1669382	15332	10775037	7441916	881933	20783600
COLLCTR	867510	123870	14926487	5688102	938402	22544370
1 WAY	3373736	126704	1240082	2518167	0	7258689
RAMP	1161935	413299	6225081	5269919	149484	13219717
HOV	0	0	2503888	125856	0	2629744
TOLL	0	0	7965484	478829	1141177	9585489
Totals	11519317	1533689	96373944	83011552	4563005197001504	

HIGHWAY EVALUATION -- YEAR/ALT (c05) -- REPORT: TOTAL CAPACITIES

	CBD	FRINGE	RESID.	OBD	RURAL	Total
FREEWAY	2606966	772782	16469081	12091947	507346	32448122
D. ART	1851168	211696	40053528	43613272	2417772	88147440
U. ART	1998760	25740	11221003	7281271	2641444	23168218
COLLCTR	1114030	126742	19999434	6329168	3563296	31132670
1 WAY	5078396	283316	1908720	2717067	0	9987499
RAMP	1340823	392122	8532851	6274813	209542	16750151
HOV	0	0	5043750	393750	0	5437500
TOLL	0	0	14660249	601145	2175430	17436824
Totals	13990143	1812398117888616	79302432	11514830224508416		

HIGHWAY EVALUATION -- YEAR/ALT (c05) -- REPORT: RATIO OF VOLUME OVER CAPACITY

	CBD	FRINGE	RESID.	OBD	RURAL	Total
FREEWAY	0.95	0.92	1.02	1.23	1.05	1.09
D. ART	1.07	0.68	0.90	1.07	0.38	0.97
U. ART	0.84	0.60	0.96	1.02	0.33	0.90
COLLCTR	0.78	0.98	0.75	0.90	0.26	0.72
1 WAY	0.66	0.45	0.65	0.93	0.00	0.73
RAMP	0.87	1.05	0.73	0.84	0.71	0.79
HOV	0.00	0.00	0.50	0.32	0.00	0.48
TOLL	0.00	0.00	0.54	0.80	0.52	0.55
Totals	0.82	0.85	0.82	1.05	0.40	0.88

HIGHWAY EVALUATION -- YEAR/ALT (c05) -- REPORT: TOTAL VOLUME ON ALL LINKS

	CBD	FRINGE	RESID.	OBD	RURAL	Total
FREEWAY	2468649	711169	16832922	14889106	531189	35433036
D. ART	1978104	143316	35904968	46599652	920821	85546856
U. ART	1669382	15332	10775037	7441916	881933	20783600
COLLCTR	867510	123870	14926487	5688102	938402	22544370
1 WAY	3373736	126704	1240082	2518167	0	7258689
RAMP	1161935	413299	6225081	5269919	149484	13219717
HOV	0	0	2503888	125856	0	2629744
TOLL	0	0	7965484	478829	1141177	9585489
Totals	11519317	1533689	96373944	83011552	4563005197001504	

HIGHWAY EVALUATION -- YEAR/ALT (c05) -- REPORT: VOLUME PERCENTAGES ON ALL LINKS

	CBD	FRINGE	RESID.	OBD	RURAL	Total
FREEWAY	1.25	0.36	8.54	7.56	0.27	17.99
D. ART	1.00	0.07	18.23	23.65	0.47	43.42
U. ART	0.85	0.01	5.47	3.78	0.45	10.55
COLLCTR	0.44	0.06	7.58	2.89	0.48	11.44
1 WAY	1.71	0.06	0.63	1.28	0.00	3.68
RAMP	0.59	0.21	3.16	2.68	0.08	6.71
HOV	0.00	0.00	1.27	0.06	0.00	1.33
TOLL	0.00	0.00	4.04	0.24	0.58	4.87
Totals	5.85	0.78	48.92	42.14	2.32	100.00

HIGHWAY EVALUATION -- YEAR/ALT (c05) -- REPORT: AVERAGE TOTAL VOLUMES ON ALL LINKS

	CBD	FRINGE	RESID.	OBD	RURAL	Total
FREEWAY	68574	59264	65244	82717	88532	72018
D. ART	42087	28663	34624	45242	21414	39568
U. ART	20113	7666	18109	25662	9382	19533
COLLCTR	10452	11261	11123	15209	3769	10949
1 WAY	12976	7919	12918	18248	0	14233
RAMP	17876	20665	13958	15143	13589	14854
HOV	0	0	9308	5993	0	9068
TOLL	0	0	19619	16511	25936	20011
Totals	20068	23238	21662	34445	10208	24793

HIGHWAY EVALUATION -- YEAR/ALT (c05) -- REPORT: ORIGINAL SPEEDS (MPH)

	CBD	FRINGE	RESID.	OBD	RURAL	Total
FREEWAY	47.47	50.15	49.98	54.65	64.73	51.64
D. ART	30.95	40.29	34.38	35.53	49.10	35.20
U. ART	21.13	29.27	28.44	27.93	45.76	30.60
COLLCTR	20.68	21.70	29.60	28.03	38.84	30.80
1 WAY	19.85	22.91	31.96	33.79	0.00	28.51
RAMP	39.51	36.64	36.14	34.27	51.59	35.88
HOV	0.00	0.00	57.40	62.66	0.00	57.73
TOLL	0.00	0.00	44.18	42.99	60.12	46.47
Totals	24.08	30.97	32.47	33.31	42.41	33.52

HIGHWAY EVALUATION -- YEAR/ALT (c05) -- REPORT: CONGESTED SPEEDS (MPH)

	CBD	FRINGE	RESID.	OBD	RURAL	Total
FREEWAY	39.19	35.24	25.48	25.14	56.32	26.02
D. ART	16.10	35.03	23.56	20.00	46.92	22.21
U. ART	16.24	28.24	21.90	19.51	44.32	23.75
COLLCTR	17.78	16.01	24.43	20.76	37.57	25.65
1 WAY	14.74	17.35	24.07	21.27	0.00	19.88
RAMP	20.35	20.52	21.68	18.55	42.05	20.56
HOV	0.00	0.00	34.21	46.26	0.00	34.83
TOLL	0.00	0.00	19.13	25.52	43.82	21.61
Totals	17.34	21.93	23.48	20.41	40.43	23.76

HIGHWAY EVALUATION -- YEAR/ALT (c05) -- REPORT: PERCENT CHANGE IN SPEED

	CBD	FRINGE	RESID.	OBD	RURAL	Total
FREEWAY	-17.45	-29.72	-49.02	-54.01	-13.00	-49.60
D. ART	-47.98	-13.04	-31.48	-43.71	-4.45	-36.92
U. ART	-23.14	-3.53	-23.01	-30.17	-3.16	-22.38
COLLCTR	-14.00	-26.22	-17.47	-25.93	-3.28	-16.74
1 WAY	-25.74	-24.26	-24.70	-37.04	0.00	-30.27
RAMP	-48.49	-43.98	-40.01	-45.87	-18.50	-42.69
HOV	0.00	0.00	-40.41	-26.17	0.00	-39.68
TOLL	0.00	0.00	-56.70	-40.64	-27.11	-53.50
Totals	-27.99	-29.16	-27.71	-38.74	-4.68	-29.13

HIGHWAY EVALUATION -- YEAR/ALT (c05) -- REPORT: TOTAL VMT USING LINK VOLUMES
(FSUTMS.V54+)

	CBD	FRINGE	RESID.	OBD	RURAL	Total
FREEWAY	424406	96813	5811787	4642745	192477	11168228
D. ART	223603	13240	9111050	9135247	384945	18868084
U. ART	152393	1536	2742368	1358686	526278	4781261
COLLCTR	75213	10188	3663919	1157393	354108	5260821
1 WAY	202781	8345	265364	534156	0	1010646
RAMP	113124	41616	778330	548376	24803	1506249
HOV	0	0	549099	26747	0	575846
TOLL	0	0	2752673	114703	758216	3625593
Totals	1191519	171739	25674588	17518054	2240828	46796728

HIGHWAY EVALUATION -- YEAR/ALT (c05) -- REPORT: TOTAL VHT (FREE-FLOW TIME)
USING LINK VOLUMES (FSUTMS.V54+)

	CBD	FRINGE	RESID.	OBD	RURAL	Total
FREEWAY	8941	1929	116282	84870	2974	214996
D. ART	7220	330	265945	257587	7771	538852
U. ART	7082	52	95634	48142	11650	162560
COLLCTR	3621	470	120204	39955	9170	173420
1 WAY	10222	358	8531	15892	0	35002
RAMP	2832	1107	19847	14967	484	39237
HOV	0	0	9478	426	0	9904
TOLL	0	0	61563	2486	12433	76482
Totals	39918	4246	697483	464324	44482	1250452

HIGHWAY EVALUATION -- YEAR/ALT (c05) -- REPORT: TOTAL VHT (CONGESTED TIME)
USING LINK VOLUMES (FSUTMS.V54+)

	CBD	FRINGE	RESID.	OBD	RURAL	Total
FREEWAY	11544	2762	283069	199392	3442	500209
D. ART	15510	385	430533	506990	8370	961787
U. ART	10199	54	137132	78378	12459	238223
COLLCTR	4629	690	168223	67580	11381	252503
1 WAY	15145	517	12000	27325	0	54988
RAMP	6664	2108	46097	32922	604	88394
HOV	0	0	18898	747	0	19645
TOLL	0	0	121075	3018	19317	143410
Totals	63690	6516	1217028	916352	55572	2259159

HIGHWAY EVALUATION -- YEAR/ALT (c05) -- REPORT: SPEEDS (FREE-FLOW TIME) USING
LINK VOLUMES (FSUTMS.V54+)

	CBD	FRINGE	RESID.	OBD	RURAL	Total
FREEWAY	47.47	50.18	49.98	54.70	64.72	51.95
D. ART	30.97	40.16	34.26	35.46	49.54	35.02
U. ART	21.52	29.27	28.68	28.22	45.18	29.41
COLLCTR	20.77	21.66	30.48	28.97	38.62	30.34
1 WAY	19.84	23.33	31.10	33.61	0.00	28.87
RAMP	39.94	37.61	39.22	36.64	51.23	38.39
HOV	0.00	0.00	57.94	62.77	0.00	58.14
TOLL	0.00	0.00	44.71	46.14	60.99	47.40
Totals	29.85	40.45	36.81	37.73	50.38	37.42

HIGHWAY EVALUATION -- YEAR/ALT (c05) -- REPORT: SPEEDS (CONGESTED TIME) USING
LINK VOLUMES (FSUTMS.V54+)

	CBD	FRINGE	RESID.	OBD	RURAL	Total
FREEWAY	36.76	35.05	20.53	23.28	55.92	22.33
D. ART	14.42	34.43	21.16	18.02	45.99	19.62
U. ART	14.94	28.20	20.00	17.33	42.24	20.07
COLLCTR	16.25	14.76	21.78	17.13	31.12	20.83
1 WAY	13.39	16.14	22.11	19.55	0.00	18.38
RAMP	16.98	19.74	16.88	16.66	41.10	17.04
HOV	0.00	0.00	29.06	35.80	0.00	29.31
TOLL	0.00	0.00	22.74	38.01	39.25	25.28
Totals	18.71	26.35	21.10	19.12	40.32	20.71

HIGHWAY EVALUATION -- YEAR/ALT (c05) -- REPORT: PERCENT CHANGE IN SPEED USING
LINK VOLUMES (FSUTMS.V54+)

	CBD	FRINGE	RESID.	OBD	RURAL	Total
FREEWAY	-22.55	-30.15	-58.92	-57.44	-13.60	-57.02
D. ART	-53.45	-14.26	-38.23	-49.19	-7.15	-43.97
U. ART	-30.56	-3.63	-30.26	-38.58	-6.50	-31.76
COLLCTR	-21.77	-31.86	-28.55	-40.88	-19.42	-31.32
1 WAY	-32.51	-30.82	-28.91	-41.84	0.00	-36.35
RAMP	-57.50	-47.51	-56.95	-54.54	-19.78	-55.61
HOV	0.00	0.00	-49.85	-42.96	0.00	-49.59
TOLL	0.00	0.00	-49.15	-17.62	-35.64	-46.67
Totals	-37.32	-34.84	-42.69	-49.33	-19.96	-44.65

HIGHWAY EVALUATION -- YEAR/ALT (c05) -- REPORT: TOTAL ACCIDENT OCCURENCES

	CBD	FRINGE	RESID.	OBD	RURAL	Total
FREEWAY	0.45	0.10	6.16	4.92	0.20	11.84
D. ART	1.30	0.08	53.12	53.26	2.24	110.00
U. ART	0.87	0.01	15.74	7.80	3.02	27.44
COLLCTR	0.40	0.05	19.38	6.12	1.87	27.83
1 WAY	1.16	0.05	1.52	3.07	0.00	5.80
RAMP	0.65	0.24	4.47	3.15	0.14	8.65
HOV	0.00	0.00	0.58	0.03	0.00	0.61
TOLL	0.00	0.00	3.01	0.12	0.82	3.95
Totals	4.84	0.53	103.98	78.46	8.30	196.12

HIGHWAY EVALUATION -- YEAR/ALT (c05) -- REPORT: TOTAL INJURY OCCURENCES

	CBD	FRINGE	RESID.	OBD	RURAL	Total
FREEWAY	0.31	0.07	4.24	3.39	0.14	8.15
D. ART	0.86	0.05	35.08	35.17	1.48	72.64
U. ART	0.54	0.01	9.65	4.78	1.85	16.83
COLLCTR	0.23	0.03	11.43	3.61	1.10	16.41
1 WAY	0.71	0.03	0.93	1.88	0.00	3.56
RAMP	0.40	0.15	2.74	1.93	0.09	5.30
HOV	0.00	0.00	0.40	0.02	0.00	0.42
TOLL	0.00	0.00	2.07	0.08	0.56	2.72
Totals	3.05	0.33	66.55	50.87	5.23	126.04

HIGHWAY EVALUATION -- YEAR/ALT (c05) -- REPORT: TOTAL FATALITY OCCURENCES

	CBD	FRINGE	RESID.	OBD	RURAL	Total
FREEWAY	0.00	0.00	0.05	0.04	0.00	0.10
D. ART	0.00	0.00	0.17	0.17	0.01	0.36
U. ART	0.00	0.00	0.05	0.03	0.01	0.09
COLLCTR	0.00	0.00	0.06	0.02	0.01	0.09
1 WAY	0.00	0.00	0.01	0.01	0.00	0.02
RAMP	0.00	0.00	0.01	0.01	0.00	0.03
HOV	0.00	0.00	0.00	0.00	0.00	0.01
TOLL	0.00	0.00	0.03	0.00	0.01	0.03
Totals	0.02	0.00	0.39	0.28	0.03	0.73

HIGHWAY EVALUATION -- YEAR/ALT (c05) -- REPORT: TOTAL EMISSIONS OF CARBON MONOXIDE (KILOGRAMS)

	CBD	FRINGE	RESID.	OBD	RURAL	Total
FREEWAY	6525	1469	109192	95754	2550	215490
D. ART	7607	214	241178	268210	4720	521929
U. ART	5434	33	79126	41156	6737	132485
COLLCTR	2665	374	95774	34342	5816	138971
1 WAY	7503	256	7009	15130	0	29897
RAMP	3047	1041	20035	15492	423	40038
HOV	0	0	10619	546	0	11165
TOLL	0	0	44469	1629	13467	59565
Totals	32781	3386	607402	472259	33714	1149541

HIGHWAY EVALUATION -- YEAR/ALT (c05) -- REPORT: TOTAL EMISSIONS OF HYDROCARBONS (KILOGRAMS)

	CBD	FRINGE	RESID.	OBD	RURAL	Total
FREEWAY	502	115	7849	6670	192	15327
D. ART	468	16	15561	16949	396	33391
U. ART	332	2	5001	2575	560	8471
COLLCTR	163	23	6189	2158	438	8971
1 WAY	458	16	454	968	0	1895
RAMP	198	68	1314	990	29	2600
HOV	0	0	746	35	0	782
TOLL	0	0	3423	129	844	4397
Totals	2121	240	40538	30474	2458	75832

HIGHWAY EVALUATION -- YEAR/ALT (c05) -- REPORT: TOTAL EMISSIONS OF OXIDES OF NITROGEN (KILOGRAMS)

	CBD	FRINGE	RESID.	OBD	RURAL	Total
FREEWAY	818	197	11342	9047	486	21890
D. ART	438	25	17432	17631	831	36357
U. ART	300	3	5270	2620	1042	9235
COLLCTR	148	20	6997	2229	674	10068
1 WAY	402	16	510	1033	0	1961
RAMP	223	79	1513	1065	60	2940
HOV	0	0	1121	63	0	1183
TOLL	0	0	5542	226	2221	7988
Totals	2329	341	49726	33913	5314	91623

HIGHWAY EVALUATION -- YEAR/ALT (c05) -- REPORT: TOTAL FUEL USE (GALS)

	CBD	FRINGE	RESID.	OBD	RURAL	Total
FREEWAY	26559	6059	363702	290543	12045	698908
D. ART	13993	829	570169	571684	24090	1180765
U. ART	9537	96	171617	85027	32935	299211
COLLCTR	4707	638	229288	72430	22160	329222
1 WAY	12690	522	16606	33427	0	63246
RAMP	7079	2604	48708	34317	1552	94261
HOV	0	0	34363	1674	0	36036
TOLL	0	0	177758	7179	48392	233329
Totals	74565	10747	1612211	1096281	141174	2934979

HIGHWAY EVALUATION -- YEAR/ALT (c05) -- REPORT: TOTAL NEW LANE MILEAGE

	CBD	FRINGE	RESID.	OBD	RURAL	Total
Totals	0	0	0	0	0	0

HIGHWAY EVALUATION -- YEAR/ALT (c05) -- REPORT: TOTAL CONSTRUCTION COST (X \$1000)

	CBD	FRINGE	RESID.	OBD	RURAL	Total
Totals	0	0	0	0	0	0

HIGHWAY EVALUATION -- YEAR/ALT (c05) -- REPORT: TOTAL DELAY DUE TO CONGESTION (VEH-HRS)

	CBD	FRINGE	RESID.	OBD	RURAL	Total
FREEWAY	2603.41	832.86166786.81114521.83			468.27285213.19	
D. ART	8289.83	54.82164588.33249402.95			598.51422934.44	
U. ART	3116.70	1.98 41498.56 30236.57			809.77 75663.58	
COLLCTR	1007.89	219.99 48019.59 27624.98			2210.37 79082.81	
1 WAY	4922.85	159.39 3469.09 11433.95			0.00 19985.28	
RAMP	3831.56	1001.47 26250.22 17955.03			119.39 49157.67	
HOV	0.00	0.00 9420.21 320.91			0.00 9741.12	
TOLL	0.00	0.00 59512.13 531.70			6884.43 66928.27	
Totals	23772.24	2270.51519544.94452027.91	11090.74*****			

HIGHWAY EVALUATION -- YEAR/ALT (c05) : MILES OF ROADWAY AT EACH LEVEL OF SERVICE

	LEVEL OF SERVICE						
	A	B	C	D	E	F	TOTAL
FREEWAY	26.18	10.33	20.88	31.95	30.38	32.17	151.89
D. ART	140.59	97.34	102.16	70.13	41.19	49.39	500.80
U. ART	141.61	38.00	20.51	23.46	22.83	43.34	289.76
COLLCTR	345.57	52.35	46.11	38.29	27.14	50.10	559.57
1 WAY	41.32	11.22	9.82	3.28	2.11	2.60	70.35
RAMP	48.09	8.52	7.85	8.23	7.18	12.07	91.93
HOV	29.53	13.48	5.34	0.26	0.00	0.00	48.61
TOLL	115.91	5.69	4.59	4.82	2.46	3.69	137.16
Total	888.80	236.94	217.25	180.43	133.29	193.36	1850.07

HIGHWAY EVALUATION -- YEAR/ALT (c05) : PERCENT OF MILEAGE AT EACH LEVEL OF SERVICE

	LEVEL OF SERVICE						
	A	B	C	D	E	F	TOTAL
FREEWAY	1.42	0.56	1.13	1.73	1.64	1.74	8.21
D. ART	7.60	5.26	5.52	3.79	2.23	2.67	27.07
U. ART	7.65	2.05	1.11	1.27	1.23	2.34	15.66
COLLCTR	18.68	2.83	2.49	2.07	1.47	2.71	30.25
1 WAY	2.23	0.61	0.53	0.18	0.11	0.14	3.80
RAMP	2.60	0.46	0.42	0.44	0.39	0.65	4.97
HOV	1.60	0.73	0.29	0.01	0.00	0.00	2.63
TOLL	6.27	0.31	0.25	0.26	0.13	0.20	7.41
Total	48.04	12.81	11.74	9.75	7.20	10.45	100.00

HIGHWAY EVALUATION -- YEAR/ALT (c05) -- SCREENLINE SUMMARIES

SCREENLINE NUMBER	ANODE	BNODE	TOTAL VOLUME	TOTAL CAPACITY	VOLUME OVER CAPACITY RATIO	F T	A T
1	2161	2516	28386.	36218.	0.78	23	31
1	2429	2431	14397.	54359.	0.26	92	51
1	2504	8497	10318.	12870.	0.80	37	31
1	2506	2507	23792.	34348.	0.69	24	31
1	2509	2510	56871.	51978.	1.09	24	31
1	2520	8494	50389.	51978.	0.97	24	31
1	2521	8494	53207.	51978.	1.02	24	31
1	2523	2524	8658.	11522.	0.75	45	31
1	2525	2526	22006.	24914.	0.88	44	31
1	2529	2580	6485.	11522.	0.56	45	31
1	2531	7437	11000.	9218.	1.19	47	31
1	2533	2592	13789.	13740.	1.00	36	31
1	2536	7793	49953.	51978.	0.96	24	42
1	2541	8775	79961.	72478.	1.10	12	51
1	2547	2712	20365.	18044.	1.13	23	31
1	2603	2604	20674.	63392.	0.33	21	51
1	2612	8780	17405.	54359.	0.32	92	51
1	2685	3316	51864.	54326.	0.95	23	31
1	3317	8497	10346.	12870.	0.80	37	31
1	3856	4985	115420.	55989.	2.06	12	31
1	4258	2541	79998.	72478.	1.10	12	51
1	4970	4975	0.	18750.	0.00	88	31
1	4995	3858	115421.	55989.	2.06	12	31
1	4998	5001	0.	18750.	0.00	87	31
1	5175	7750	30157.	55989.	0.54	92	31
1	5195	6887	33231.	55989.	0.59	92	31
1	8775	2430	79961.	72478.	1.10	12	51
1	8780	2500	17405.	54359.	0.32	92	51
1		TOTALS	1021463.	1152863.	0.89		SCREEN LINE 1

HIGHWAY EVALUATION -- YEAR/ALT (c05) -- SCREENLINE SUMMARIES

SCREENLINE NUMBER	ANODE	BNODE	TOTAL VOLUME	TOTAL CAPACITY	VOLUME OVER CAPACITY RATIO	F T	A T
2	2170	6508	23930.	34348.	0.70	24	31
2	2427	2426	26693.	54359.	0.49	92	51
2	2458	9679	42569.	55989.	0.76	92	31
2	2491	5979	9075.	9218.	0.98	47	31
2	2859	2717	33760.	54359.	0.62	92	51
2	2971	4481	50787.	48260.	1.05	24	51
2	3175	3658	11715.	11522.	1.02	45	31
2	3574	7266	10787.	12108.	0.89	44	31
2	3781	5727	6096.	12870.	0.47	37	31
2	3788	5881	9872.	11522.	0.86	45	31
2	4053	4054	49575.	55989.	0.89	12	31
2	4056	4052	51697.	55989.	0.92	12	31
2	4250	7275	31881.	36218.	0.88	23	44
2	4273	4275	49341.	51978.	0.95	24	41
2	4620	7269	37809.	51978.	0.73	24	31
2	4754	7810	10393.	24914.	0.42	44	41
2	5082	5084	41610.	50544.	0.82	25	31
2	5083	7316	24732.	12108.	2.04	44	31
2	5349	5352	32048.	51978.	0.62	24	31
2	5582	7327	28660.	34348.	0.83	24	31
2	5726	5728	43400.	50544.	0.86	25	42
2	5879	5883	31691.	34348.	0.92	24	31
2	5976	5981	38808.	34348.	1.13	24	42
2	6074	6076	54494.	51978.	1.05	24	31
2	6153	6156	63420.	51978.	1.22	24	31
2	6199	7345	18978.	11522.	1.65	45	31
2	6251	8516	42334.	74478.	0.57	92	31
2	6252	7974	14619.	9218.	1.59	46	41
2	6253	6254	4232.	9218.	0.46	46	31
2	6307	6308	28986.	34348.	0.84	24	31
2	6337	6342	12501.	16086.	0.78	33	31
2	6384	6387	27665.	34348.	0.81	24	41
2	6452	6458	10892.	34348.	0.32	24	41
2	6456	7512	14221.	12870.	1.10	37	31
2	6556	6558	5820.	12500.	0.47	43	51
2	6607	6608	2433.	25000.	0.10	43	51
2	7808	7890	5712.	24914.	0.23	44	41
2	8516	9753	42334.	74478.	0.57	92	31
2	8517	9754	42569.	74478.	0.57	12	31
2	9678	2456	42334.	55989.	0.76	92	31
2	9679	8517	42569.	74478.	0.57	12	31
2	9753	9678	42334.	74478.	0.57	92	31
2	9754	8194	42569.	74478.	0.57	12	31
2	TOTALS		1257943.	1681024.	0.75	SCREEN LINE 2	

HIGHWAY EVALUATION -- YEAR/ALT (c05) -- SCREENLINE SUMMARIES

SCREENLINE NUMBER	ANODE	BNODE	TOTAL VOLUME	TOTAL CAPACITY	VOLUME OVER CAPACITY RATIO	F T	A T
3	2134	2139	21165.	22761.	0.93	64	43
3	2138	2133	21358.	22761.	0.94	64	43
3	2405	4249	24423.	54359.	0.45	92	51
3	2715	3138	29861.	34348.	0.87	24	31
3	2715	3139	28251.	34348.	0.82	24	44
3	2970	6069	25655.	34348.	0.75	24	31
3	2972	4277	12650.	12500.	1.01	43	51
3	2973	7381	17171.	11522.	1.49	45	31
3	2976	8381	9184.	9218.	1.00	46	31
3	2984	7825	19508.	25782.	0.76	37	31
3	2991	2992	9310.	16086.	0.58	33	31
3	2994	2997	30695.	34348.	0.89	24	31
3	3000	3651	16018.	16086.	1.00	33	31
3	3007	7593	38643.	34348.	1.13	24	41
3	3099	7825	22474.	25782.	0.87	37	31
3	3137	3138	28681.	51978.	0.55	24	41
3	3142	3143	35865.	34348.	1.04	24	41
3	3146	3147	49321.	51978.	0.95	24	41
3	3150	3628	33508.	34348.	0.98	24	31
3	3156	3157	15569.	15326.	1.02	42	31
3	3160	3161	6621.	11522.	0.57	45	31
3	3166	7404	41223.	51978.	0.79	24	31
3	3173	3174	11865.	11522.	1.03	45	31
3	3181	3182	8282.	12870.	0.64	37	31
3	3187	3297	17688.	25782.	0.69	37	31
3	3206	8097	14166.	17174.	0.82	32	41
3	3209	8096	32581.	34348.	0.95	24	41
3	3302	3303	40733.	34348.	1.19	24	31
3	3307	7414	2527.	9218.	0.27	46	31
3	3721	4277	44637.	54326.	0.82	23	41
3	3884	3889	92179.	74478.	1.24	12	31
3	3885	3883	92969.	74478.	1.25	12	31
3	4223	4220	95041.	93098.	1.02	12	41
3	4225	4219	94950.	74478.	1.27	12	41
3	4244	3205	33340.	54359.	0.61	92	51
3	4785	4793	15839.	18750.	0.84	88	31
3	4787	4780	16626.	18750.	0.89	87	31
3	TOTALS		1150579.	1248054.	0.92	SCREEN LINE 3	

HIGHWAY EVALUATION -- YEAR/ALT (c05) -- SCREENLINE SUMMARIES

SCREENLINE NUMBER	ANODE	BNODE	TOTAL VOLUME	TOTAL CAPACITY	VOLUME OVER CAPACITY RATIO	F T	A T
4	2045	2040	72593.	55989.	1.30	12	31
4	2500	4329	17405.	55989.	0.31	92	31
4	2621	7439	29588.	34348.	0.86	24	31
4	2695	2429	14397.	55989.	0.26	92	31
4	2729	2732	17226.	24914.	0.69	44	31
4	2736	2737	70068.	55989.	1.25	12	31
4	2874	4235	27669.	32956.	0.84	41	31
4	2991	2994	12551.	13740.	0.91	36	31
4	3109	4221	44534.	34348.	1.30	24	41
4	3232	3234	54017.	50544.	1.07	25	41
4	3255	8505	18408.	12870.	1.43	37	31
4	3421	4206	66045.	51978.	1.27	24	41
4	3423	4197	58595.	51978.	1.13	24	44
4	3592	3594	38478.	24914.	1.54	44	44
4	3763	8505	18333.	12870.	1.42	37	31
4	4134	5996	39348.	34348.	1.15	24	31
4	4146	4163	42190.	37500.	1.13	12	31
4	4162	4144	38842.	37500.	1.04	12	31
4	4200	7656	18143.	12870.	1.41	37	44
4	4429	4773	43899.	34348.	1.28	24	44
4	4636	4637	58291.	51978.	1.12	24	44
4	4637	7875	70143.	51978.	1.35	24	41
4	4777	4783	12598.	11522.	1.09	45	41
4	4926	4928	23031.	17174.	1.34	32	41
4	4927	2291	96699.	55989.	1.73	12	41
4	5103	5104	60267.	51978.	1.16	24	41
4	5367	7385	51772.	34348.	1.51	24	41
4	5606	7390	43197.	33392.	1.29	25	41
4	5750	5751	64857.	50544.	1.28	25	41
4	5906	5908	44090.	34348.	1.28	24	31
4	6100	6101	34616.	50544.	0.68	25	41
4	7300	8071	36721.	34348.	1.07	24	41
4	8391	8392	6432.	16086.	0.40	41	41
4	TOTALS		1345045.	1220211.	1.10	SCREEN LINE 4	

HIGHWAY EVALUATION -- YEAR/ALT (c05) -- SCREENLINE SUMMARIES

SCREENLINE NUMBER	ANODE	BNODE	TOTAL VOLUME	TOTAL CAPACITY	VOLUME OVER CAPACITY RATIO	F T	A T
5	2097	2103	13509.	22761.	0.59	64	43
5	2102	2097	13757.	22761.	0.60	64	43
5	2725	2730	9093.	11522.	0.79	45	44
5	3428	3429	41375.	51978.	0.80	24	44
5	3437	3439	23335.	12870.	1.81	37	44
5	3446	3447	18080.	24914.	0.73	44	41
5	3456	3457	37529.	34348.	1.09	24	41
5	3463	3464	15694.	22761.	0.69	64	41
5	3467	3466	10616.	22761.	0.47	64	41
5	3471	3472	16368.	25782.	0.63	37	41
5	3477	3478	40287.	34348.	1.17	24	31
5	3488	3489	32763.	34348.	0.95	24	41
5	3497	3498	31508.	34348.	0.92	24	41
5	3504	3506	41453.	51978.	0.80	24	31
5	3511	3512	27403.	34348.	0.80	24	31
5	3518	3519	21883.	32956.	0.66	41	31
5	3527	3528	33258.	33392.	1.00	25	41
5	3538	3539	7458.	11522.	0.65	45	31
5	3544	3546	33515.	34348.	0.98	24	31
5	3552	3553	26431.	31696.	0.83	34	41
5	3563	3564	44919.	34348.	1.31	24	41
5	3900	3907	97954.	74478.	1.32	12	31
5	3902	3897	97121.	74478.	1.30	12	31
5	4669	4685	17717.	18750.	0.94	88	31
5	4675	4665	17439.	18750.	0.93	87	31
5	6998	6999	67857.	51978.	1.31	24	41
5	TOTALS		838324.	858524.	0.98	SCREEN LINE 5	

HIGHWAY EVALUATION -- YEAR/ALT (c05) -- SCREENLINE SUMMARIES

SCREENLINE NUMBER	ANODE	BNODE	TOTAL VOLUME	TOTAL CAPACITY	VOLUME OVER CAPACITY RATIO	F T	A T
6	2125	2115	72789.	55989.	1.30	12	41
6	2416	8742	31850.	34348.	0.93	24	41
6	2416	9199	29986.	32652.	0.92	33	41
6	2435	3626	13015.	55989.	0.23	92	31
6	2504	2506	6195.	9218.	0.67	46	31
6	2554	7210	27732.	36218.	0.77	23	31
6	2639	3610	6443.	11522.	0.56	45	31
6	2640	6864	36669.	51978.	0.71	24	31
6	2641	3595	4860.	11522.	0.42	45	31
6	2710	2437	13762.	55989.	0.25	92	31
6	2720	8742	30958.	34348.	0.90	24	41
6	2762	2766	72595.	55989.	1.30	12	41
6	2764	2768	16123.	15457.	1.04	67	41
6	2767	2763	14194.	15457.	0.92	67	41
6	3011	3014	7726.	12108.	0.64	44	41
6	3012	3018	34328.	34348.	1.00	24	41
6	3261	3262	37568.	34348.	1.09	24	31
6	3409	4802	23811.	13740.	1.73	36	41
6	3482	3484	15996.	11522.	1.39	45	41
6	3483	6980	46889.	34348.	1.37	24	41
6	3495	8240	11009.	12108.	0.91	44	31
6	3723	7387	11461.	11522.	0.99	45	41
6	3846	5782	23400.	23608.	0.99	45	31
6	3909	7137	69001.	55989.	1.23	12	41
6	4016	4019	81475.	55989.	1.46	12	31
6	4316	7453	32338.	34348.	0.94	24	44
6	4322	6956	38797.	55989.	0.69	12	31
6	4539	4541	39466.	32652.	1.21	33	41
6	4540	8955	29289.	32652.	0.90	33	41
6	4542	8956	29289.	32652.	0.90	33	41
6	4666	4667	19159.	16086.	1.19	33	41
6	4668	9200	29986.	32652.	0.92	33	41
6	4792	4797	35983.	34348.	1.05	24	41
6	4946	4018	78805.	55989.	1.41	12	31
6	5132	5133	42644.	34348.	1.24	24	41
6	5134	7499	44715.	34348.	1.30	24	41
6	5386	5387	47386.	33392.	1.42	25	41
6	5639	5643	31369.	23608.	1.33	45	12
6	5642	5644	43988.	33392.	1.32	25	12
6	5784	5786	40319.	33392.	1.21	25	41
6	5929	5936	32392.	23608.	1.37	45	41
6	5931	5933	52948.	50544.	1.05	25	41
6	6033	6034	28481.	13740.	2.07	36	31
6	6957	4321	35491.	55989.	0.63	12	31
6	7139	4671	65414.	55989.	1.17	12	41
6	8955	8956	29289.	32652.	0.90	33	41
6	9199	9200	29986.	32652.	0.92	33	41
6	TOTALS		1597370.	1561328.	1.02		

HIGHWAY EVALUATION -- YEAR/ALT (c05) -- SCREENLINE SUMMARIES

SCREENLINE NUMBER	ANODE	BNODE	TOTAL VOLUME	TOTAL CAPACITY	VOLUME OVER CAPACITY RATIO	F T	A T
7	2004	7854	74406.	54326.	1.37	23	32
7	2039	2051	30256.	33392.	0.91	25	42
7	2041	2057	28984.	33392.	0.87	25	12
7	2042	2058	18022.	25044.	0.72	38	43
7	2323	5092	68973.	50544.	1.36	25	31
7	2335	2345	82533.	74478.	1.11	92	31
7	2389	5103	46444.	34348.	1.35	24	31
7	3984	3987	10684.	15707.	0.68	79	11
7	3986	3985	96729.	77174.	1.25	11	11
7	4482	4903	80377.	74478.	1.08	92	31
7	4908	5083	84228.	51978.	1.62	24	41
7	5002	5198	19991.	15707.	1.27	75	11
7	5003	5209	86957.	77174.	1.13	11	11
7	5013	5014	9521.	11522.	0.83	45	11
7	5020	7446	19985.	24478.	0.82	38	11
7	5026	5027	11419.	11522.	0.99	45	11
7	5034	5037	9877.	22174.	0.45	64	11
7	5048	5046	22240.	22174.	1.00	64	11
7	5059	5060	19965.	22174.	0.90	64	11
7	5071	5072	75289.	60086.	1.25	25	11
7	5106	8379	30940.	23608.	1.31	45	31
7	5113	5114	45500.	34348.	1.32	24	31
7	5122	5123	18889.	12870.	1.47	37	31
7	5131	5132	69336.	51978.	1.33	24	41
7	5140	5141	45110.	34348.	1.31	24	41
7	5147	5148	15110.	12870.	1.17	37	31
7	5153	5154	57538.	50544.	1.14	25	41
7	5159	5160	39249.	33392.	1.18	25	41
7	5164	5166	45271.	50544.	0.90	25	31
7	5170	5171	33224.	27130.	1.22	36	41
7	5173	5180	14826.	16086.	0.92	33	41
7	5176	5177	38544.	33392.	1.15	25	31
7	7729	8503	4138.	18750.	0.22	98	31
7	8503	2462	4138.	18750.	0.22	98	31
7	TOTALS		1358692.	1210482.	1.12		

HIGHWAY EVALUATION -- YEAR/ALT (c05) -- SCREENLINE SUMMARIES

SCREENLINE NUMBER	ANODE	BNODE	TOTAL VOLUME	TOTAL CAPACITY	VOLUME OVER CAPACITY RATIO	F T	A T
8	2146	2149	39241.	51978.	0.75	24	43
8	2171	2803	76537.	55989.	1.37	12	31
8	2213	2214	28013.	31413.	0.89	75	31
8	2236	2242	29277.	31413.	0.93	79	31
8	2252	2928	23524.	24914.	0.94	44	31
8	2269	2244	4497.	15707.	0.29	75	31
8	2270	2271	56174.	55989.	1.00	12	31
8	2280	2281	57444.	55989.	1.03	12	31
8	2438	2475	4921.	55989.	0.09	92	31
8	2477	6895	6020.	55989.	0.11	92	31
8	2509	2513	29522.	36218.	0.82	23	31
8	2558	2561	47808.	54326.	0.88	23	31
8	2565	2669	9381.	11522.	0.81	45	31
8	2660	2664	47144.	51978.	0.91	24	31
8	2804	2172	83248.	55989.	1.49	12	31
8	2807	3713	4931.	13740.	0.36	36	31
8	2811	2812	30075.	34348.	0.88	24	31
8	2819	2820	8619.	9218.	0.94	46	31
8	2824	2949	14183.	12108.	1.17	44	31
8	2831	3709	10689.	12108.	0.88	44	31
8	2832	2953	7405.	9218.	0.80	46	31
8	2844	2960	38753.	34348.	1.13	24	41
8	2850	4404	62202.	63566.	0.98	24	41
8	3706	3707	13449.	11522.	1.17	45	31
8	4911	4913	7581.	18750.	0.40	88	31
8	5365	5375	5242.	18750.	0.28	87	31
8	8261	8262	10973.	11522.	0.95	45	31
8	TOTALS		756852.	894601.	0.85		

HIGHWAY EVALUATION -- YEAR/ALT (c05) -- SCREENLINE SUMMARIES

SCREENLINE NUMBER	ANODE	BNODE	TOTAL VOLUME	TOTAL CAPACITY	VOLUME OVER CAPACITY RATIO	F T	A T
9	2295	2290	36661.	55989.	0.65	92	31
9	3749	7534	19428.	16086.	1.21	41	41
9	3798	5974	36904.	34348.	1.07	24	41
9	4152	4153	40885.	31413.	1.30	75	31
9	4494	5972	43152.	55989.	0.77	92	31
9	5956	6038	17601.	20544.	0.86	36	51
9	5958	7370	14142.	32956.	0.43	41	31
9	5959	7223	10654.	24914.	0.43	44	31
9	5962	7330	22089.	34348.	0.64	24	31
9	5963	6050	7668.	24914.	0.31	44	31
9	5966	6054	31320.	34348.	0.91	24	31
9	5969	6063	28419.	34348.	0.83	24	31
9	6078	7373	35869.	34348.	1.04	24	31
9	6092	6093	33086.	34348.	0.96	24	31
9	6110	7950	35061.	50544.	0.69	25	41
9	6112	6116	23308.	16086.	1.45	33	31
9	6120	6121	36955.	17174.	2.15	32	32
9	6126	6178	24277.	17174.	1.41	32	32
9	7893	8328	8234.	60218.	0.14	31	51
9	8224	4149	67375.	55989.	1.20	12	31
9	TOTALS		573088.	686078.	0.84		

HIGHWAY EVALUATION -- YEAR/ALT (c05) -- SCREENLINE SUMMARIES

SCREENLINE NUMBER	ANODE	BNODE	TOTAL VOLUME	TOTAL CAPACITY	VOLUME OVER CAPACITY RATIO	F T	A T
10	2218	2912	36554.	36218.	1.01	23	31
10	2480	2293	21746.	55989.	0.39	92	31
10	2487	5198	11471.	11522.	1.00	45	31
10	2582	3857	72214.	51978.	1.39	24	31
10	2610	7400	14227.	11522.	1.23	45	31
10	2674	2676	67039.	51978.	1.29	24	31
10	2678	2679	61053.	51978.	1.17	24	41
10	2798	2804	67571.	55989.	1.21	12	41
10	2803	2797	61226.	55989.	1.09	12	41
10	2919	2921	6428.	11522.	0.56	45	31
10	2923	2927	9742.	9218.	1.06	46	31
10	3051	3054	14129.	27826.	0.51	64	31
10	3053	3050	15493.	27826.	0.56	64	31
10	3163	3167	43904.	32652.	1.34	33	31
10	3166	3168	38802.	51978.	0.75	24	31
10	3284	3286	36486.	33392.	1.09	25	31
10	3382	7397	38200.	25044.	1.53	38	31
10	3527	3531	25431.	25033.	1.02	38	41
10	3529	7406	13427.	11522.	1.17	45	41
10	3530	3526	16864.	22761.	0.74	64	31
10	3927	8426	71151.	55989.	1.27	12	31
10	3963	3989	84722.	58141.	1.46	11	41
10	3990	4989	83866.	58141.	1.44	11	41
10	4067	4070	24649.	38587.	0.64	11	41
10	4068	5833	28621.	38587.	0.74	11	41
10	4479	2479	22596.	55989.	0.40	92	31
10	4584	7403	28290.	32652.	0.87	33	31
10	4586	7401	44438.	34348.	1.29	24	41
10	4719	4722	7310.	15218.	0.48	34	41
10	4724	7840	23099.	32652.	0.71	33	41
10	4870	7841	16850.	23608.	0.71	45	41
10	4874	8063	27498.	34348.	0.80	24	41
10	4984	4991	18065.	11522.	1.57	45	31
10	4990	4996	8411.	11522.	0.73	45	41
10	5007	8065	7355.	15457.	0.48	63	31
10	5014	5006	6907.	15457.	0.45	63	11
10	5182	5183	27381.	32728.	0.84	33	41
10	5189	5201	11378.	22761.	0.50	64	31
10	5194	5204	1280.	15022.	0.09	64	21
10	5200	5188	8769.	15022.	0.58	64	31
10	5203	5192	420.	15022.	0.03	64	21
10	5207	5196	3485.	15022.	0.23	64	21
10	5434	5439	14575.	22761.	0.64	64	41
10	5440	5437	16809.	22761.	0.74	64	31
10	5441	8020	16896.	22761.	0.74	64	41
10	5688	5689	31933.	34348.	0.93	24	31
10	5840	5844	16151.	16892.	0.96	24	31
10	5847	7377	27049.	34348.	0.79	24	31
10	8425	3925	80884.	55989.	1.44	12	31
10		TOTALS	1432847.	1519592.	0.94		

HIGHWAY EVALUATION -- YEAR/ALT (c05) -- SCREENLINE SUMMARIES

SCREENLINE NUMBER	ANODE	BNODE	TOTAL VOLUME	TOTAL CAPACITY	VOLUME OVER CAPACITY RATIO	F T	A T
11	3669	6237	16838.	27392.	0.61	31	51
11	3811	6320	7339.	9218.	0.80	46	31
11	3814	6324	16467.	16086.	1.02	33	32
11	4336	6313	59750.	50544.	1.18	25	41
11	6244	7341	47147.	51978.	0.91	24	41
11	6253	6301	28707.	34348.	0.84	24	31
11	6299	8192	78627.	55989.	1.40	92	31
11	6326	6358	31288.	17174.	1.82	32	31
11	6329	7981	5057.	9218.	0.55	46	32
11	7986	7989	8876.	9218.	0.96	46	41
11	7995	7996	23397.	13740.	1.70	36	31
11	8193	2284	80743.	55989.	1.44	92	31
11	TOTALS		404237.	350894.	1.15		
12	2001	5331	23164.	54326.	0.43	23	44
12	2006	2007	74052.	54326.	1.36	23	32
12	2043	4473	13279.	32652.	0.41	33	31
12	2072	2074	131823.	111978.	1.18	12	31
12	2108	3569	47151.	51978.	0.91	24	31
12	2148	8175	45043.	63566.	0.71	24	43
12	2156	8154	24774.	111978.	0.22	17	31
12	3213	3214	23305.	34348.	0.68	24	31
12	5848	5849	34668.	54326.	0.64	23	32
12	TOTALS		417258.	569478.	0.73		
13	2155	8461	17475.	37500.	0.47	92	32
13	2452	8460	19790.	37500.	0.53	92	32
13	3666	6371	20054.	34392.	0.58	32	32
13	6364	6366	6602.	12500.	0.53	43	51
13	6367	6368	8423.	12260.	0.69	43	31
13	6371	7998	5419.	13740.	0.39	36	31
13	6433	8377	11991.	13740.	0.87	36	31
13	6489	7491	5204.	12260.	0.42	43	32
13	6492	6546	32873.	34348.	0.96	24	42
13	6501	6503	33305.	34348.	0.97	24	31
13	6558	6559	6491.	15326.	0.42	42	31
13	6562	6563	2803.	9218.	0.30	46	32
13	6568	6611	144.	12500.	0.01	43	51
13	8460	2120	19790.	37500.	0.53	92	32
13	8461	2454	17475.	37500.	0.47	92	32
13	TOTALS		207841.	354632.	0.59		
99	TOTALS		184640192.	211201664.	0.87	SCREEN LINE 99	

*****	*****	***	*****	*****	*****	*****	*****	*****	*****	*****	*****
*	*	*	*	*	*	*	*	*	*	*	*
***	*	*****	*	*	***	*	*	*	*	*	***
*	*	*	*	*	*	*	*	*	*	*	*
****	*	*	*	*	****	****	*	****	****	****	****
TOTAL NUMBER OF LINKS							7946				
TOTAL SYSTEM MILES							1850.07				
TOTAL LANE MILES							5652.92				
TOTAL DIRECTIONAL MILES							3207.50				
TOTAL VMT USING VOLUMES							46899636				
TOTAL VMT USING CAPACITY							55529792				
TOTAL VMT V/C							0.84				
TOTAL VHT USING VOLUMES							2259159				
TOTAL VHT USING CAPACITY							2282861				
TOTAL VHT V/C							0.99				
TOTAL VOLUMES ALL LINKS							197001504				
AVERAGE TOTAL VOLUME							24792.54				
TOTAL VMT ALL LINKS							46899636				
TOTAL VHT ALL LINKS							2259159				
TOTAL ORIGINAL SPEED (MPH)							33.52				
TOTAL CONGESTED SPEED (MPH)							23.76				
TOTAL ACCIDENTS							196.12				
TOTAL INJURIES							126.04				
TOTAL FATALITIES							0.73				
TOTAL CO EMISSIONS (KILOGRAMS)							1149541				
TOTAL HC EMISSIONS (KILOGRAMS)							75832				
TOTAL NO EMISSIONS (KILOGRAMS)							91623				
TOTAL FUEL USE							2934979				
TOTAL NEW LANE MILEAGE							0				
TOTAL CONSTRUCTION COST (X \$1000)							0				
TOTAL ACCIDENT COST (DOLLARS)							4993942				

TOTAL USERS COST (DOLLARS)	19228834
TOTAL MAINTENANCE COST (DOLLARS)	742072
TOTAL DELAY DUE TO CONGESTION (VEH-HRS)	1008706.38

APPENDIX G

YEAR 2015 EMIS MODEL INPUT & OUTPUT AND SUPPORTING FSUTMS REPORTS/FILES

YEAR 2015 MOBILE6.15A

MOBILE6 INPUT FILE

RUN DATA

MIN/MAX TEMP : 69.3 91.2

>These factors are for Southeast Florida only!

NO REFUELING :

*Indicates that refueling emissions will NOT be included

ABSOLUTE HUMIDITY : 100.0

FUEL RVP : 7.8

SCENARIO RECORD : SPEED = EPA default speed distribution

*User must indicate analysis year for this run in four digit format

CALENDAR YEAR : 2015

EVALUATION MONTH : 7

*User must indicate temperatures used for inventory purposes by area

END OF RUN

YEAR 2015 PROFILE.MAS

&TWODIGIT
YES
&VFACTORS
YES
&NAME NAME OF STUDY
Miami
&MOBILE6
YES
&M6YEAR
2015
&MOBILE DIRECTORY WHERE MOBILE PARAMETER FILES ARE STORED
c:\fsutms.v55\
&IMFAC INSPECTION/MAINTENANCE CREDIT PERCENTAGE FOR EMIS
0.00000
&EMISFAC FACTOR TO ADJUST MODEL VMT TO MATCH HPMS TARGET VALUE
0.99908
&FSUTMS DIRECTORY WHERE SCRIPT FILES ARE LOCATED
.\\SCRIPT
&AVEZONE NUMBER OF ZONES TO AVERAGE TO COMPUTE IZ DISTANCE
1
&TRANZONE TRANSIT ACCESS ANALYSIS ZONE
642
&ZONESI INTERNAL ZONES
1500
&ZONESX FIRST EXTERNAL ZONE
1501
&ZONESA TOTAL ZONES
1521
&VALIDATE
NO
&ANALYSIS
YES
&GLSELECT
0
&GLTITLE
Miami-dade
&SZONE STARTING ZONE FOR CARDINAL DISTRIBUTION
1
&FZONE ENDING ZONE FOR CARDINAL DISTRIBUTION
1500
&DISTRICT NUMBER OF PLANNING DISTRICTS
96
&SUPERDIST NUMBER OF SUPER DISTRICTS
26
&CBDZONE THE CBD ZONES
642
&SELDEST SELECTED DESTINATION ZONES
1-1500
&TERM10 TERMINAL TIME FOR AREA TYPE
5
&TERM11 TERMINAL TIME FOR AREA TYPE
5
&TERM12 TERMINAL TIME FOR AREA TYPE
5
&TERM13 TERMINAL TIME FOR AREA TYPE
3
&TERM14 TERMINAL TIME FOR AREA TYPE

5
&TERM15 TERMINAL TIME FOR AREA TYPE
5
&TERM16 TERMINAL TIME FOR AREA TYPE
5
&TERM17 TERMINAL TIME FOR AREA TYPE
5
&TERM18 TERMINAL TIME FOR AREA TYPE
5
&TERM19 TERMINAL TIME FOR AREA TYPE
5
&TERM20 TERMINAL TIME FOR AREA TYPE
3
&TERM21 TERMINAL TIME FOR AREA TYPE
4
&TERM22 TERMINAL TIME FOR AREA TYPE
3
&TERM23 TERMINAL TIME FOR AREA TYPE
3
&TERM24 TERMINAL TIME FOR AREA TYPE
3
&TERM25 TERMINAL TIME FOR AREA TYPE
3
&TERM26 TERMINAL TIME FOR AREA TYPE
3
&TERM27 TERMINAL TIME FOR AREA TYPE
3
&TERM28 TERMINAL TIME FOR AREA TYPE
3
&TERM29 TERMINAL TIME FOR AREA TYPE
3
&TERM30 TERMINAL TIME FOR AREA TYPE
1
&TERM31 TERMINAL TIME FOR AREA TYPE
3
&TERM32 TERMINAL TIME FOR AREA TYPE
1
&TERM33 TERMINAL TIME FOR AREA TYPE
1
&TERM34 TERMINAL TIME FOR AREA TYPE
1
&TERM35 TERMINAL TIME FOR AREA TYPE
1
&TERM36 TERMINAL TIME FOR AREA TYPE
1
&TERM37 TERMINAL TIME FOR AREA TYPE
1
&TERM38 TERMINAL TIME FOR AREA TYPE
1
&TERM39 TERMINAL TIME FOR AREA TYPE
1
&TERM40 TERMINAL TIME FOR AREA TYPE
2
&TERM41 TERMINAL TIME FOR AREA TYPE
2
&TERM42 TERMINAL TIME FOR AREA TYPE
3

&TERM43	TERMINAL TIME FOR AREA TYPE
2	
&TERM44	TERMINAL TIME FOR AREA TYPE
2	
&TERM45	TERMINAL TIME FOR AREA TYPE
2	
&TERM46	TERMINAL TIME FOR AREA TYPE
2	
&TERM47	TERMINAL TIME FOR AREA TYPE
2	
&TERM48	TERMINAL TIME FOR AREA TYPE
2	
&TERM49	TERMINAL TIME FOR AREA TYPE
2	
&TERM50	TERMINAL TIME FOR AREA TYPE
1	
&TERM51	TERMINAL TIME FOR AREA TYPE
1	
&TERM52	TERMINAL TIME FOR AREA TYPE
1	
&TERM53	TERMINAL TIME FOR AREA TYPE
1	
&TERM54	TERMINAL TIME FOR AREA TYPE
1	
&TERM55	TERMINAL TIME FOR AREA TYPE
1	
&TERM56	TERMINAL TIME FOR AREA TYPE
1	
&TERM57	TERMINAL TIME FOR AREA TYPE
1	
&TERM58	TERMINAL TIME FOR AREA TYPE
1	
&TERM59	TERMINAL TIME FOR AREA TYPE
1	
&NODES	MAXIMUM NUMBER OF NODES IN HWY NET
200000	
&UNITS	UNITS PER MILE
5280	
&CONFAC	FOR CAPACITY CONSTRAINT
0.10	
&CAPFAC	FOR PLOTTING LOS E
0.10	
&ITER	MAXIMUM EQUILIBRIUM ITERATIONS
25	
&UROADF	UROAD CAPACITY FACTOR
0.75	
&DAMPING	DAMPING FACTOR USED TO MINIMIZE TIME MODULATIONS BETWEEN
ITERATION	
0.5	
&BPRMAX	
4.0	
&EPS	
0.10	
&CTOLL	COEFFICIENT OF TOLL FACTOR USED IN TOLL MODEL
0.08	
&TOLLS1	NOT USED BUT KEEP IN PROFILE.MAS FOR MODEL STREAM
CONTINUITY	

0.10
&TOLLS2 NOT USED BUT KEEP IN PROFILE.MAS FOR MODEL STREAM
CONTINUITY
0.15
&TOLLS3 NOT USED BUT KEEP IN PROFILE.MAS FOR MODEL STREAM
CONTINUITY
0.20
&TOLLS4 NOT USED BUT KEEP IN PROFILE.MAS FOR MODEL STREAM
CONTINUITY
0.25
&TOLLS5 NOT USED BUT KEEP IN PROFILE.MAS FOR MODEL STREAM
CONTINUITY
0.30
&TOLLS6 NOT USED BUT KEEP IN PROFILE.MAS FOR MODEL STREAM
CONTINUITY
0.35
&TOLLS7 NOT USED BUT KEEP IN PROFILE.MAS FOR MODEL STREAM
CONTINUITY
1.00
&TOLLS8 NOT USED BUT KEEP IN PROFILE.MAS FOR MODEL STREAM
CONTINUITY
0.001
&TOLLS9 NOT USED BUT KEEP IN PROFILE.MAS FOR MODEL STREAM
CONTINUITY
0.00
&TOLLS10 NOT USED BUT KEEP IN PROFILE.MAS FOR MODEL STREAM
CONTINUITY
0.00
&TOLLS11 NOT USED BUT KEEP IN PROFILE.MAS FOR MODEL STREAM
CONTINUITY
0.00
&TOLLS12 NOT USED BUT KEEP IN PROFILE.MAS FOR MODEL STREAM
CONTINUITY
0.00
&TOLLS13 NOT USED BUT KEEP IN PROFILE.MAS FOR MODEL STREAM
CONTINUITY
0.00
&TOLLS14 NOT USED BUT KEEP IN PROFILE.MAS FOR MODEL STREAM
CONTINUITY
0.00
&TOLLS15 NOT USED BUT KEEP IN PROFILE.MAS FOR MODEL STREAM
CONTINUITY
0.00
&TOLLS16 NOT USED BUT KEEP IN PROFILE.MAS FOR MODEL STREAM
CONTINUITY
0.00
&TOLLS17 NOT USED BUT KEEP IN PROFILE.MAS FOR MODEL STREAM
CONTINUITY
0.00
&TOLLS18 NOT USED BUT KEEP IN PROFILE.MAS FOR MODEL STREAM
CONTINUITY
0.00
&TOLLS19 NOT USED BUT KEEP IN PROFILE.MAS FOR MODEL STREAM
CONTINUITY
0.00
&TOLLS20 NOT USED BUT KEEP IN PROFILE.MAS FOR MODEL STREAM
CONTINUITY

0.00
&SERVT1 NOT USED BUT KEEP IN PROFILE.MAS FOR MODEL STREAM
CONTINUITY
0.10
&SERVT2 NOT USED BUT KEEP IN PROFILE.MAS FOR MODEL STREAM
CONTINUITY
0.15
&SERVT3 NOT USED BUT KEEP IN PROFILE.MAS FOR MODEL STREAM
CONTINUITY
0.20
&SERVT4 NOT USED BUT KEEP IN PROFILE.MAS FOR MODEL STREAM
CONTINUITY
0.25
&SERVT5 NOT USED BUT KEEP IN PROFILE.MAS FOR MODEL STREAM
CONTINUITY
0.30
&SERVT6 NOT USED BUT KEEP IN PROFILE.MAS FOR MODEL STREAM
CONTINUITY
0.35
&SERVT7 NOT USED BUT KEEP IN PROFILE.MAS FOR MODEL STREAM
CONTINUITY
1.00
&SERVT8 NOT USED BUT KEEP IN PROFILE.MAS FOR MODEL STREAM
CONTINUITY
0.001
&SERVT9 NOT USED BUT KEEP IN PROFILE.MAS FOR MODEL STREAM
CONTINUITY
0.00
&SERVT10 NOT USED BUT KEEP IN PROFILE.MAS FOR MODEL STREAM
CONTINUITY
0.00
&SERVT11 NOT USED BUT KEEP IN PROFILE.MAS FOR MODEL STREAM
CONTINUITY
0.00
&SERVT12 NOT USED BUT KEEP IN PROFILE.MAS FOR MODEL STREAM
CONTINUITY
0.00
&SERVT13 NOT USED BUT KEEP IN PROFILE.MAS FOR MODEL STREAM
CONTINUITY
0.00
&SERVT14 NOT USED BUT KEEP IN PROFILE.MAS FOR MODEL STREAM
CONTINUITY
0.00
&SERVT15 NOT USED BUT KEEP IN PROFILE.MAS FOR MODEL STREAM
CONTINUITY
0.00
&SERVT16 NOT USED BUT KEEP IN PROFILE.MAS FOR MODEL STREAM
CONTINUITY
0.00
&SERVT17 NOT USED BUT KEEP IN PROFILE.MAS FOR MODEL STREAM
CONTINUITY
0.00
&SERVT18 NOT USED BUT KEEP IN PROFILE.MAS FOR MODEL STREAM
CONTINUITY
0.00
&SERVT19 NOT USED BUT KEEP IN PROFILE.MAS FOR MODEL STREAM
CONTINUITY

0.00
&SERVT20 NOT USED BUT KEEP IN PROFILE.MAS FOR MODEL STREAM
CONTINUITY
0.00
&MAXTIM
70
&ATITER NUMBER OF GMODEL ITERATIONS
10
&AOFAC1 AUTO OCC FOR HBW
0.7936
&AOFAC2 AUTO OCC FOR HBSH
0.5747
&AOFAC3 AUTO OCC FOR HBSR
0.5747
&AOFAC4 AUTO OCC FOR HBO
0.5747
&AOFAC5 AUTO OCC FOR NHB
0.5917
&UNCONNECT MAXIMUM TRANSIT TIME
255
&NUMFARE MAXIMUM NUMBER OF FARE CATEGORIES
8
&HOV SWITCH FOR HOV TYPE
TYPE1
&HOV1 IDENTIFIES HOV ONLY FACILITIES
HOV LINKS, LINK GROUP 2 = 80-89
&HOV2 IDENTIFIES NUMBER OF TRIP TABLES
SELECTED PURPOSES = 1-3
&HOV3 USED FOR REPORTING OF TRIP PURPOSES
ADD PURPOSES = 1-3
&HOV4 DELETED LINKS FOR HOV SKIMS
LINK GROUP 2 = 80-89
&HOV5 IDENTIFIES HOV ONLY FACILITIES
HOV1 LINKS, LINK GROUP 2 = 49
&HOV6 IDENTIFIES HOV ONLY FACILITIES
HOV2 LINKS, LINK GROUP 2 = 80-89
&PERIOD
24
&PLOTTER
HP7586
&PLOTPENS
8
&PLOTSIZE
30
&PAPER
NORMALD
&PLOTFAC
600
&DATA
DATA
&PLOTWIN
PLOTXY.STD
&PLOTWINA
PLOTXYA.STD
&PLOTWINB
PLOTXYB.STD
&PLOTWINC

PLOTXYC.STD
&PLOTWIND
PLOTXYD.STD
&PLOTWINE
PLOTXYE.STD
&PLOTWINF
PLOTXYF.STD
&PLOTWING
PLOTXYG.STD
&PLOTWINH
PLOTXYH.STD
&CHARHT
0.05
&NAMEB
SOUTH DADE (B)
&NAMEM
MIC/INTERCON (M)
&NAMEP
NORTH/BEACH CORR (P)
&NAMEQ
EAST/WEST CORRIDOR(Q)
&NAMER
DOWNTOWN MIAMI (R)
&NAMES
KENDALL/SOUTH CORR(S)
&NAMET
WEST CENTRAL AREA (T)
&NAMEU
NW/PALMETTO CORR (U)
&NAMEV
I95/NORTH CORRIDOR(V)
&NAMEZ
SUNPIKE/27TH AVE (Z)
&NAME1
SW (1)
&NAME2
NW (2)
&NAME3
NE (3)
&NAME4
SE (4)
&MAXUTIL
0.75
&QUEMAX
100
&QUELIM
4.9
&NUMFARE
9
&TOLLMF
TOLL FACILITIES MODEL
&MULTSQ
MULTIPLE SERVER QUEUES
&ACCUQT FLAG FOR USING TOLL FACILTIES MODEL
~ ACCUMULATE QUEUEING TIME
&GMTIME
TIME2

&CITYCODE
 MIA
 &TITLE
 2000 MTPM
 &MAXD Maximum sidewalk area around stations
 0.4
 &TERM Auto access terminal time (home end)
 2.0
 &DEF Default auto access time
 2.0
 &NOPT Usage check on second auto connector
 1
 &BACK Backtrack flag for auto connector
 1
 &AOC Auto operating costs
 9.5
 &OC3 Average 3+ auto occupancy
 3.20 3.20 3.20 3.20 Average park/ride auto occupancy
 &OCTA
 1.2 1.2 1.2
 &TASPD Average auto access speed
 26.0 26.0
 &MINRUN1 Minimum walk-to-local run time
 3.0
 &MINRUN2 Minimum walk-to-premium run time
 3.0
 &MINRUN3 Minimum auto-to-local run time
 30.0
 &MINRUN4 Minimum auto-to-premium run time
 6.0
 &INFL1 Transit fare inflation
 1.0
 &INFL2 Auto operating cost inflation
 1.0
 &INFL3 Parking cost inflation
 1.0
 &MSMIN Minimum mode split
 0.01 0.01 0.01
 &HOVUSE HOV usage flag
 3
 &HOVMIN HOV minimum time
 3.0
 &RAILAC Station walk access impedance flag
 0
 &VAL Validation summary flag
 0
 &KRFAC Kiss/ride additional impedance factor
 1.50
 &JITNEY Jitney flag (0=none, 1=base, 2=alt)
 1
 &VERS Model Version (1=standard FSUTMS, 2=Orlando 10 purposes)
 1
 &DEFMS Default Regional Mode Splits
 0.07770 0.02970 0.02970
 &DEFUPD Update Zonal Default Mode Splits (1=yes, 2=no)
 1
 &MAXTIM

```

70                                     TRI RAIL EXTERNAL ZONE
&TRIZONE
1467
&MAXTIME
120
&ROTANG
270
&PORTRAIT
0
&LANDSCAPE
0
&ROTANGW

&PLT
plt
&ASCII
YES
&DATABASE      Optional entry to enable database capability
NO
&DBCOOUT      When activated, writes database files for TASSIGN
   DBC OUTPUT, INET
&MINUROADFAC  Specifies minimum UROAD factor allowed (Optional)
0.50
&MAXUROADFAC  Specifies maximum UROAD factor allowed
1.00
&MINCONFAC    Specifies minimum CONFAC factor allowed
0.04
&MAXCONFAC    Specifies maximum CONFAC factor allowed
1.00
&MINBPRCOEFF  Specifies minimum BPR coefficient allowed
0.0
&MAXBPRCOEFF  Specifies maximum BPR coefficient allowed
1.00
&MINBPREXP    Specifies minimum BPR exponent allowed
1.00
&MAXBPREXP    Specifies maximum BPR exponent allowed
10.00
&EMISTABLES   Tables on HTTAB file for intrazonal emissions (default =
1)
1
&ASCII         Outputs file HRLDXY.ASC (similar to NETCARD output)
YES
&VFACTORS     Required entry. YES must start in column one
YES
&DATABASE      Optional entry to enable database capability
NO
&DBCOOUT      When activated, writes database files for TASSIGN
~ DBC OUTPUT, INET
&MINUROADFAC  Specifies minimum UROAD factor allowed (Optional)
0.50
&MAXUROADFAC  Specifies maximum UROAD factor allowed
1.00
&MINCONFAC    Specifies minimum CONFAC factor allowed
0.04
&MAXCONFAC    Specifies maximum CONFAC factor allowed
1.00
&MINBPRCOEFF  Specifies minimum BPR coefficient allowed

```

0.0
&MAXBPRCOEFF Specifies maximum BPR coefficient allowed
1.00
&MINBPREXP Specifies minimum BPR exponent allowed
1.00
&MAXBPREXP Specifies maximum BPR exponent allowed
10.00
&EMISTABLES Tables on HTTAB file for intrazonal emissions (default =
1)
1
&ASCII Outputs file HRLDXY.ASC (similar to NETCARD output)
YES
&MODELCAP
~ MODEL CAPACITY
&COLORS
1,2,3,4,5,6,7,8
&ACTC REPORT TRANSIT TRIPS=0 for CENTERS, 1 FOR TAZs
1
&KTHROW ACTIVITY CENTER TEMP FILES, 1=KEEP, 0=DELETE
1
&STDZ2 STANDARD FSUTMSZ2, 1=TRUE, 0=RTA
1
&SELZONE SELECTED TAZ
1500
&DTBZERO
7000

YEAR 2015 EMIS.OUT

FLORIDA STANDARD URBAN TRANSPORTATION MODELING STRUCTURE --
 EMISSION MODEL FOR MOBILE 6 -- PROGRAM DATE: 16JAN02
 - RUN TIME: 10:34:47 09DEC04

 * MOBILE6.2 (31-Oct-2002) *
 * Input file: MOBILE6.IN (file 1, run 1). *

*These factors are for Southeast Florida only!

M603 Comment:

User has disabled the calculation of REFUELING emissions.

* #
 * SPEED = EPA default speed distribution
 * File 1, Run 1, Scenario 1.
 * #
 M 48 Warning:
 there are no sales for vehicle class HDGV8b
 M 48 Warning:
 there are no sales for vehicle class LDDT12

Calendar Year: 2015
 Month: July
 Altitude: Low
 Minimum Temperature: 69.3 (F)
 Maximum Temperature: 91.2 (F)
 Absolute Humidity: 100. grains/lb
 Nominal Fuel RVP: 7.8 psi
 Weathered RVP: 7.5 psi
 Fuel Sulfur Content: 30. ppm

Exhaust I/M Program: No
 Evap I/M Program: No
 ATP Program: No
 Reformulated Gas: No

LDDT	Vehicle Type: HDDV	LDGV MC	LDGT12	LDGT34	LDGT (All)	HDGV	LDDV
			All Veh GVWR:	<6000			
-----	-----	-----	-----	-----	-----	-----	-----
0.0021	0.3031	0.4218	0.1449		0.0360	0.0003	
0.0866	0.0053	1.0000					

Composite Emission Factors (g/mi):							
Composite VOC :		0.465	0.537	0.941	0.640	0.565	0.098
0.301	0.300	2.21	0.562				
Composite CO :		7.76	8.89	11.30	9.50	7.55	0.881
0.679	0.794	16.25	8.165				
Composite NOX :		0.338	0.426	0.753	0.510	1.111	0.153
0.419	3.277	1.06	0.722				

Year = 2015

Vehicle Type	VMT Distribution
LDGV	0.3031
LDGT12	0.4218
LDGT34	0.1449
LDGT	0.0000
HDGV	0.0360
LDDV	0.0003
LDGT	0.0021
HDDV	0.0866
MC	0.0053
All Veh	1.0000
Speeds:	1.0 65.0
VOC:	0.562 0.562
CO:	8.165 8.165
NOX:	0.722 0.722

INPUT CARD ECHO

INFO all reported values have been adjusted by EMISFAC = 0.9991

SCENARIO 1 MOBILE.TEM
 THE FOLLOWING IS A MATRIX WHICH ASSIGNS A SCENARIO TO EACH FT/AT COMBINATION
 AT=> 1 2 3 4 5

FT	1	2	3	4	5
1	1	1	1	1	1
2	1	1	1	1	1
3	1	1	1	1	1
4	1	1	1	1	1
5	1	1	1	1	1
6	1	1	1	1	1
7	1	1	1	1	1
8	1	1	1	1	1
9	1	1	1	1	1

INPUT COORDINATE SCALE(UNITS) FROM PROFILE.MAS IS 5280

INFO ALL REPORT VALUES ARE BEING ADJUSTED BY A FACTOR OF 0.9991

EMISSIONS IN GRAMS PER DAY

INFO all reported values have been adjusted by EMISFAC = 0.9991

- - - - -
 GEOGRAPHIC LOCATION NO 1

INFO all reported values have been adjusted by EMISFAC = 0.9991

FT	AT	VOC	CO	NOx
1	1	236899.	3441777.	304343.
1	2	63610.	924152.	81719.
1	3	3348774.	48652564.	4302165.

1	4	2618372.	38040952.	3363815.
1	5	149005.	2164814.	191426.
2	1	144471.	2098936.	185601.
2	2	8772.	127446.	11270.
2	3	5934945.	86225600.	7624604.
2	4	5525971.	80283992.	7099205.
2	5	309547.	4497238.	397674.
3	1	64145.	931926.	82407.
3	2	1564.	22722.	2009.
3	3	1661796.	24143382.	2134908.
3	4	813836.	11823795.	1045533.
3	5	334858.	4864971.	430191.
4	1	64829.	941867.	83286.
4	2	6053.	87944.	7777.
4	3	2548394.	37024264.	3273914.
4	4	804513.	11688342.	1033556.
4	5	305555.	4439244.	392545.
5	1	29714.	431701.	38174.
5	2	2425.	35235.	3116.
5	3	1116178.	16216344.	1433950.
5	4	690230.	10027976.	886736.
5	5	175966.	2556525.	226064.
6	1	173962.	2527402.	223489.
6	2	5605.	81428.	7200.
6	3	224121.	3256130.	287927.
6	4	331504.	4816248.	425883.
7	1	76507.	1111529.	98288.
7	2	23763.	345241.	30528.
7	3	502686.	7303260.	645800.
7	4	388167.	5639478.	498677.
7	5	21736.	315788.	27924.
8	3	339294.	4929427.	435891.
8	4	16758.	243467.	21529.
9	3	2110880.	30667894.	2711845.
9	4	345376.	5017792.	443704.
9	5	608200.	8836207.	781352.

GL TOTAL 32129004.466784640. 41275936.
 (TONS) 35.38 514.08 45.46

- - - - -
 GEOGRAPHIC LOCATION NO 2

INFO all reported values have been adjusted by EMISFAC = 0.9991

FT AT	VOC	CO	NOx
-------	-----	----	-----

GL TOTAL	0.	0.	0.
(TONS)	0.00	0.00	0.00

EMISSIONS IN GRAMS PER DAY

INFO all reported values have been adjusted by EMISFAC = 0.9991

- - - - -
GEOGRAPHIC LOCATION NO 3

INFO all reported values have been adjusted by EMISFAC = 0.9991

FT	AT	VOC	CO	NOx
2	4	69129.	1004339.	88810.
2	5	15868.	230535.	20385.
3	3	11869.	172441.	15248.
3	5	184.	2680.	237.
4	4	2301.	33424.	2956.
5	3	333.	4833.	427.
7	4	7631.	110867.	9804.
8	3	4386.	63718.	5634.
GL TOTAL		111700.	1622838.	143501.
(TONS)		0.12	1.79	0.16

EMISSIONS IN GRAMS PER DAY

INFO all reported values have been adjusted by EMISFAC = 0.9991

- - - - -
ALL GEOGRAPHIC LOCATIONS

FT	AT	VOC	CO	NOx
1	1	236899.	3441777.	304343.
1	2	63610.	924152.	81719.
1	3	3348774.	48652564.	4302165.
1	4	2618372.	38040952.	3363815.
1	5	149005.	2164814.	191426.
2	1	144471.	2098936.	185601.
2	2	8772.	127446.	11270.
2	3	5934945.	86225600.	7624604.
2	4	5595102.	81288328.	7188014.
2	5	325414.	4727774.	418059.
3	1	64145.	931926.	82407.
3	2	1564.	22722.	2009.
3	3	1673666.	24315822.	2150157.
3	4	813836.	11823795.	1045533.
3	5	335042.	4867651.	430428.
4	1	64829.	941867.	83286.
4	2	6053.	87944.	7777.
4	3	2548394.	37024264.	3273914.
4	4	806813.	11721766.	1036511.
4	5	305555.	4439244.	392545.
5	1	29714.	431701.	38174.
5	2	2425.	35235.	3116.
5	3	1116510.	16221177.	1434378.

5	4	690230.	10027976.	886736.
5	5	175966.	2556525.	226064.
6	1	173962.	2527402.	223489.
6	2	5605.	81428.	7200.
6	3	224121.	3256130.	287927.
6	4	331504.	4816248.	425883.
7	1	76507.	1111529.	98288.
7	2	23763.	345241.	30528.
7	3	502686.	7303260.	645800.
7	4	395798.	5750344.	508481.
7	5	21736.	315788.	27924.
8	3	343680.	4993144.	441525.
8	4	16758.	243467.	21529.
9	3	2110880.	30667894.	2711845.
9	4	345376.	5017792.	443704.
9	5	608200.	8836207.	781352.
SUM		32240702.468407520.	41419428.	
(TONS)		35.51	515.87	45.62

EMISSIONS IN GRAMS PER DAY

INFO all reported values have been adjusted by EMISFAC = 0.9991

FACILITY			
	TYPE	VOC	CO
		NOx	
1	6416658.	93224240.	8243472.
2	12008715.174467952.	15427576.	
3	2888252.	41961884.	3710534.
4	3731643.	54215060.	4794038.
5	2014847.	29272572.	2588464.
6	735192.	10681205.	944500.
7	1020490.	14826161.	1311021.
8	360438.	5236612.	463054.
9	3064460.	44521896.	3936901.
SUM	32240702.468407520.	41419428.	
(TONS)	35.51	515.87	45.62

AREA			
	TYPE	VOC	CO
		NOx	
1	790527.	11485134.	1015588.
2	111792.	1624168.	143619.
3	17803674.258659552.	22872330.	
4	11613795.168730928.	14920214.	
5	1920918.	27907992.	2467798.
SUM	32240702.468407520.	41419428.	
(TONS)	35.51	515.87	45.62

NUMBER			
	LANES	VOC	CO
		NOx	

1	6723633.	97684336.	8637824.
2	10400772.	151107136.	13361821.
3	9843682.	143013776.	12646168.
4	3215096.	46710424.	4130426.
5	1632600.	23719186.	2097397.
6	420217.	6105110.	539852.
7	4689.	68118.	6023.
SUM	32240702.	468407520.	41419428.
(TONS)	35.51	515.87	45.62

DAILY VEHICLE MILES

INFO all reported values have been adjusted by EMISFAC = 0.9991

- - - - - DAILY VMT - GEOGRAPHIC LOCATION NO 1:

INFO all reported values have been adjusted by EMISFAC = 0.9991

FT	AREA TYPES					TOTAL
	1	2	3	4	5	
1	421528.	113185.	5958673.	4659024.	265133.	11417543.
2	257065.	15609.	10560385.	9832697.	550795.	21216550.
3	114137.	2783.	2956934.	1448107.	595832.	5117792.
4	115354.	10771.	4534511.	1431517.	543692.	6635844.
5	52872.	4315.	1986082.	1228166.	313108.	3584543.
6	309541.	9973.	398791.	589865.	0.	1308170.
7	136133.	42283.	894460.	690689.	38676.	1802241.
8	0.	0.	603727.	29818.	0.	633545.
9	0.	0.	3756016.	614549.	1082205.	5452770.

GL TOTAL 1406630. 198918. 31649502. 20524454. 3389441. 57168944.

- - - - - DAILY VMT - GEOGRAPHIC LOCATION NO 2:

INFO all reported values have been adjusted by EMISFAC = 0.9991

FT	AREA TYPES					TOTAL
	1	2	3	4	5	
1	0.	0.	0.	0.	0.	0.
2	0.	0.	0.	0.	0.	0.
3	0.	0.	0.	0.	0.	0.
4	0.	0.	0.	0.	0.	0.
5	0.	0.	0.	0.	0.	0.
6	0.	0.	0.	0.	0.	0.
7	0.	0.	0.	0.	0.	0.
8	0.	0.	0.	0.	0.	0.
9	0.	0.	0.	0.	0.	0.

GL TOTAL 0. 0. 0. 0. 0. 0.

DAILY VMT - GEOGRAPHIC LOCATION NO 3:

INFO all reported values have been adjusted by EMISFAC = 0.9991

FT	AREA TYPES					TOTAL
	1	2	3	4	5	
1	0.	0.	0.	0.	0.	0.
2	0.	0.	0.	123005.	28235.	151240.
3	0.	0.	21120.	0.	328.	21448.
4	0.	0.	0.	4094.	0.	4094.
5	0.	0.	592.	0.	0.	592.
6	0.	0.	0.	0.	0.	0.
7	0.	0.	0.	13578.	0.	13578.
8	0.	0.	7804.	0.	0.	7804.
9	0.	0.	0.	0.	0.	0.
GL TOTAL	0.	0.	29515.	140677.	28563.	198755.

DAILY VEHICLE MILES

INFO all reported values have been adjusted by EMISFAC = 0.9991

DAILY VMT - ALL GEOGRAPHIC LOCATIONS

FT	AREA TYPES					TOTAL
	1	2	3	4	5	
1	421528.	113185.	5958673.	4659024.	265133.	11417543.
2	257065.	15609.	10560385.	9955701.	579029.	21367790.
3	114137.	2783.	2978054.	1448107.	596161.	5139240.
4	115354.	10771.	4534511.	1435610.	543692.	6639938.
5	52872.	4315.	1986674.	1228166.	313108.	3585135.
6	309541.	9973.	398791.	589865.	0.	1308170.
7	136133.	42283.	894460.	704267.	38676.	1815819.
8	0.	0.	611530.	29818.	0.	641349.
9	0.	0.	3756016.	614549.	1082205.	5452770.
TOTAL	1406630.	198918.	31679014.	20665130.	3418004.	57367696.

DAILY VMT

FACILITY
TYPE

1	11417544.
2	21367786.
3	5139241.
4	6639937.
5	3585139.
6	1308169.
7	1815819.
8	641349.
9	5452768.

TOTAL 57367876.

DAILY VMT
AREA
TYPE

1	1406630.
2	198918.
3	31679014.
4	20665130.
5	3418004.

TOTAL 57367876.

DAILY VMT
NUMBER
LANES

1	11963765.
2	18506702.
3	17515462.
4	5720810.
5	2904983.
6	747717.
7	8343.

TOTAL 57367876.

DAILY VEHICLE HOURS

INFO all reported values have been adjusted by EMISFAC = 0.9991

DAILY VHT - GEOGRAPHIC LOCATION NO 1

INFO all reported values have been adjusted by EMISFAC = 0.9991

FT	AREA TYPES					TOTAL
	1	2	3	4	5	
1	14129.	2837.	237159.	177715.	12297.	444138.
2	19035.	532.	519529.	574748.	14395.	1128239.
3	7325.	116.	158082.	88986.	14434.	268944.
4	7519.	1056.	225920.	79831.	17257.	331582.
5	5256.	345.	118980.	80396.	8328.	213306.
6	25590.	652.	18114.	32415.	0.	76770.
7	8956.	1859.	51122.	36439.	938.	99314.
8	0.	0.	21976.	970.	0.	22946.
9	0.	0.	161566.	18492.	27897.	207955.
GL TOTAL	87811.	7397.	1512449.	1089988.	95546.	2793191.

DAILY VHT - GEOGRAPHIC LOCATION NO 2

INFO all reported values have been adjusted by EMISFAC = 0.9991

FT	AREA TYPES					TOTAL
	1	2	3	4	5	
1	0.	0.	0.	0.	0.	0.
2	0.	0.	0.	0.	0.	0.
3	0.	0.	0.	0.	0.	0.
4	0.	0.	0.	0.	0.	0.
5	0.	0.	0.	0.	0.	0.
6	0.	0.	0.	0.	0.	0.
7	0.	0.	0.	0.	0.	0.
8	0.	0.	0.	0.	0.	0.
9	0.	0.	0.	0.	0.	0.
GL TOTAL	0.	0.	0.	0.	0.	0.

DAILY VHT - GEOGRAPHIC LOCATION NO 3

INFO all reported values have been adjusted by EMISFAC = 0.9991

FT	AREA TYPES					TOTAL
	1	2	3	4	5	
1	0.	0.	0.	0.	0.	0.
2	0.	0.	0.	5292.	698.	5989.
3	0.	0.	674.	0.	7.	681.
4	0.	0.	0.	230.	0.	230.
5	0.	0.	37.	0.	0.	37.
6	0.	0.	0.	0.	0.	0.
7	0.	0.	0.	378.	0.	378.
8	0.	0.	130.	0.	0.	130.
9	0.	0.	0.	0.	0.	0.
GL TOTAL	0.	0.	841.	5900.	704.	7446.

DAILY VEHICLE HOURS

INFO all reported values have been adjusted by EMISFAC = 0.9991

FT	AREA TYPES					TOTAL
	1	2	3	4	5	
1	14129.	2837.	237159.	177715.	12297.	444138.
2	19035.	532.	519529.	580039.	15093.	1134228.
3	7325.	116.	158756.	88986.	14441.	269624.
4	7519.	1056.	225920.	80060.	17257.	331812.
5	5256.	345.	119018.	80396.	8328.	213343.
6	25590.	652.	18114.	32415.	0.	76770.
7	8956.	1859.	51122.	36817.	938.	99692.
8	0.	0.	22107.	970.	0.	23077.
9	0.	0.	161566.	18492.	27897.	207955.

TOTAL 87811. 7397. 1513290. 1095888. 96250. 2800638.

DAILY VHT
FACILITY
TYPE

1	444137.
2	1134227.
3	269624.
4	331812.
5	213343.
6	76770.
7	99692.
8	23077.
9	207955.

TOTAL 2800642.

DAILY VHT
AREA
TYPE

1	87811.
2	7397.
3	1513290.
4	1095888.
5	96250.

TOTAL 2800642.

DAILY VHT
NUMBER
LANES

1	714133.
2	871408.
3	825679.
4	266067.
5	84938.
6	24485.
7	13927.

TOTAL 2800642.

AVERAGE CONGESTED SPEED (mph)

INFO all reported values have been adjusted by EMISFAC = 0.9991

- - - - -
AVERAGE SPEED - GEOGRAPHIC LOCATION NO 1

INFO all reported values have been adjusted by EMISFAC = 0.9991

FT	----- AREA TYPES -----				
	1	2	3	4	5
1	29.83	39.89	25.13	26.22	21.56
2	13.50	29.35	20.33	17.11	38.26
3	15.58	23.92	18.71	16.27	41.28
4	15.34	10.20	20.07	17.93	31.51
5	10.06	12.49	16.69	15.28	37.60
6	12.10	15.31	22.02	18.20	0.00
7	15.20	22.74	17.50	18.95	41.22
8	0.00	0.00	27.47	30.75	0.00
9	0.00	0.00	23.25	33.23	38.79
GL TOTAL	16.02	26.89	20.93	18.83	35.47

- - - - -
AVERAGE SPEED - GEOGRAPHIC LOCATION NO 2

INFO all reported values have been adjusted by EMISFAC = 0.9991

FT	----- AREA TYPES -----				
	1	2	3	4	5
1	0.00	0.00	0.00	0.00	0.00
2	0.00	0.00	0.00	0.00	0.00
3	0.00	0.00	0.00	0.00	0.00
4	0.00	0.00	0.00	0.00	0.00
5	0.00	0.00	0.00	0.00	0.00
6	0.00	0.00	0.00	0.00	0.00
7	0.00	0.00	0.00	0.00	0.00
8	0.00	0.00	0.00	0.00	0.00
9	0.00	0.00	0.00	0.00	0.00
GL TOTAL	0.00	0.00	0.00	0.00	0.00

- - - - -
AVERAGE SPEED - GEOGRAPHIC LOCATION NO 3

INFO all reported values have been adjusted by EMISFAC = 0.9991

FT	----- AREA TYPES -----				
	1	2	3	4	5
1	0.00	0.00	0.00	0.00	0.00
2	0.00	0.00	0.00	23.24	40.47
3	0.00	0.00	31.34	0.00	48.00
4	0.00	0.00	0.00	17.82	0.00

5	0.00	0.00	15.98	0.00	0.00
6	0.00	0.00	0.00	0.00	0.00
7	0.00	0.00	0.00	35.88	0.00
8	0.00	0.00	59.82	0.00	0.00
9	0.00	0.00	0.00	0.00	0.00
GL TOTAL	0.00	0.00	35.08	23.84	40.54

AVERAGE CONGESTED SPEED (mph)

INFO all reported values have been adjusted by EMISFAC = 0.9991

- - - - - AVERAGE SPEED - ALL GEOGRAPHIC LOCATIONS

FT	AREA TYPES				
	1	2	3	4	5
1	29.83	39.89	25.13	26.22	21.56
2	13.50	29.35	20.33	17.16	38.36
3	15.58	23.92	18.76	16.27	41.28
4	15.34	10.20	20.07	17.93	31.51
5	10.06	12.49	16.69	15.28	37.60
6	12.10	15.31	22.02	18.20	0.00
7	15.20	22.74	17.50	19.13	41.22
8	0.00	0.00	27.66	30.75	0.00
9	0.00	0.00	23.25	33.23	38.79
TOTAL	16.02	26.89	20.93	18.86	35.51

- - - - -
AVERAGE SPEED
FACILITY
TYPE

1	25.71
2	18.84
3	19.06
4	20.01
5	16.80
6	17.04
7	18.21
8	27.79
9	26.22
TOTAL	20.48

- - - - -
AVERAGE SPEED
AREA
TYPE

1	16.02
2	26.89
3	20.93
4	18.86
5	35.51

TOTAL 20.48

AVERAGE SPEED

NUMBER
LANES

1	16.75
2	21.24
3	21.21
4	21.50
5	34.20
6	30.54
7	0.60

TOTAL 20.48

YEAR 2015 HEVAL.OUT

FLORIDA D.O.T.
PAGE NO. 1
FSUTMS
DATE 15DEC04
VER 5.50
TIME 08:37:36

miami

HIGHWAY ASSIGNMENT

"HELABELS.SYN" CONTENTS:

LABEL FT 11	1	1	FREEWAY	FREEWAY
LABEL FT 12	1	1		
LABEL FT 15	1	1		
LABEL FT 16	1	1		
LABEL FT 17	1	1		
LABEL FT 21	2	2	D. ART	DIV. ARTERIAL
LABEL FT 22	2	2		
LABEL FT 23	2	2		
LABEL FT 24	2	2		
LABEL FT 25	2	2		
LABEL FT 31	3	3	U. ART	UNDIV. ARTERIAL
LABEL FT 32	3	3		
LABEL FT 33	3	3		
LABEL FT 34	3	3		
LABEL FT 35	3	3		
LABEL FT 36	3	3		
LABEL FT 37	3	3		
LABEL FT 38	3	3		
LABEL FT 41	4	4	COLLCTR	COLLECTOR
LABEL FT 42	4	4		
LABEL FT 43	4	4		
LABEL FT 44	4	4		
LABEL FT 45	4	4		
LABEL FT 46	4	4		
LABEL FT 47	4	4		
LABEL FT 48	4	4		
LABEL FT 51	5	5	LOCAL	CENTROID CONN.
LABEL FT 52	5	5		
LABEL FT 61	6	6	1 WAY	ONE WAY
LABEL FT 62	6	6		
LABEL FT 63	6	6		
LABEL FT 64	6	6		
LABEL FT 65	6	6		
LABEL FT 66	6	6		
LABEL FT 67	6	6		
LABEL FT 68	6	6		
LABEL FT 71	7	7	RAMP	RAMPS
LABEL FT 72	7	7		
LABEL FT 73	7	7		
LABEL FT 74	7	7		
LABEL FT 75	7	7		
LABEL FT 76	7	7		
LABEL FT 77	7	7		
LABEL FT 78	7	7		
LABEL FT 79	7	7		
LABEL FT 81	8	8	HOV	HOV
LABEL FT 82	8	8		
LABEL FT 83	8	8		
LABEL FT 84	8	8		

"HELABELS.SYN" CONTENTS:

LABEL	FT	85	8	8	
LABEL	FT	86	8	8	
LABEL	FT	87	8	8	
LABEL	FT	88	8	8	
LABEL	FT	89	8	8	
LABEL	FT	91	9	9 TOLL	TOLL
LABEL	FT	92	9	9	
LABEL	FT	93	9	9	
LABEL	FT	94	9	9	
LABEL	FT	95	9	9	
LABEL	FT	96	9	9	
LABEL	FT	97	9	9	
LABEL	FT	98	9	9	
LABEL	FT	99	9	9	
LABEL	AT	11	1	1 CBD	CBD
LABEL	AT	12	1	1	
LABEL	AT	13	1	1	
LABEL	AT	14	1	1	
LABEL	AT	21	2	2 FRINGE	FRINGE
LABEL	AT	31	3	3 RESID.	RESIDENTIAL
LABEL	AT	32	3	3	
LABEL	AT	33	3	3	
LABEL	AT	34	3	3	
LABEL	AT	41	4	4 OBD	OBD
LABEL	AT	42	4	4	
LABEL	AT	43	4	4	
LABEL	AT	44	4	4	
LABEL	AT	51	5	5 RURAL	RURAL
LABEL	AT	52	5	5	

FACILITY TYPES SELECTED:

FACILITY TYPES SKIPPED:

1	2	3	4	5	6	7	8	9	10
11	12	13	14	15	16	17	18	19	20
21	22	23	24	25	26	27	28	29	30
31	32	33	34	35	36	37	38	39	40
41	42	43	44	45	46	47	48	49	50
51	52	53	54	55	56	57	58	59	60
61	62	63	64	65	66	67	68	69	70
71	72	73	74	75	76	77	78	79	80
81	82	83	84	85	86	87	88	89	90
91	92	93	94	95	96	97	98	99	

AREA TYPES SELECTED:

AREA TYPES SKIPPED:

1	2	3	4	5	6	7	8	9	10
11	12	13	14	15	16	17	18	19	20
21	22	23	24	25	26	27	28	29	30
31	32	33	34	35	36	37	38	39	40
41	42	43	44	45	46	47	48	49	50
51	52	53	54	55	56	57	58	59	60
61	62	63	64	65	66	67	68	69	70
71	72	73	74	75	76	77	78	79	80
81	82	83	84	85	86	87	88	89	90
91	92	93	94	95	96	97	98	99	

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*   *   *   *   *   *   *   *   *   *   *   *   *   *   *   *   *   *   *
*   *   *   *   *   *   *   *   *   *   *   *   *   *   *   *   *   *   *
*   *   *   *   *   *   *   *   *   *   *   *   *   *   *   *   *   *   *
***** * ***** * ***** *   *   *   *   *   *   *   *   *   *   *   *   *   *
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HEVAL MODULE (D5520931.DRIVER.SETUP.FORT(HEVAL))

A GENERAL PURPOSE HIGHWAY EVALUATION PROGRAM DESIGNED TO PROVIDE THE TRANSPORTATION PLANNER WITH A TOOL TO EVALUATE A HIGHWAY ASSIGNMENT. THE PROGRAM OPERATES IN TWO MODES. ONE MODE ALLOWS THE USER TO PRINT A VARIETY OF REPORTS DESIGNED TO ASSIST IN THE TASK OF MODEL VALIDATION. THIS MODE IS REFERRED TO INTERNALLY AS VALIDATION AND IS SET BY THE USER WITH A STATEMENT - "VALIDATE=T" THE OTHER MODE IS AS AN ASSIGNMENT ANALYSIS TOOL. THIS MODE IS GENERALLY USED FOR ASSIGNMENTS TO FUTURE YEAR NETWORKS. THIS MODE IS SET BY THE USER WITH A STATEMENT "ANALYSIS=T".

INPUT DATA FOR THIS RUN:

USES HRLDXY FILE AS DATA SOURCE
RATES=1979 UROAD AND CUTS RATES

OUTPUT DATA SETS FOR THIS RUN:

PRINTOUT ONLY

DATE AND TIME OF THIS RUN:

15DEC04 (DDMMYY) 08:37:36 (HH.MM.SS)

TYPE OF RUN:

ANALYSIS

```
***   ****   ****   *   *   *   *   ****   *****   *****   ***   *   *   ***
*   *   *   *   *   *   *   ** *   *   *   *   *   *   *   *   *   *   *   *
*****   ***   ***   *   *   *   *   *   *   *   *   *   *   *   *   *   *   *
*   *   *   *   *   *   *   *   *   *   *   *   *   *   *   *   *   *   *   *
*   *   ****   ****   ***   *   *   *   *   *   *   *   *   *   *   *   *   *
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FACILITY AND AREA TYPES AS DEFINED IN THE HNET MODULE:

FACILITY TYPE 1 - FREEWAYS
 FACILITY TYPE 2 - EXPRESSWAYS AND DIVIDED ARTERIALS
 FACILITY TYPE 3 - UNDIVIDED ARTERIALS
 FACILITY TYPE 4 - COLLECTORS
 FACILITY TYPE 5 - LOCALS (CENTROID CONNECTORS) - NOT INCLUDED
 FACILITY TYPE 6 - ONE WAYS
 FACILITY TYPE 8 - HOV LINKS
 FACILITY TYPE 9 - TOLL RAMPS

AREA TYPE 1 - CBD
 AREA TYPE 2 - FRINGE
 AREA TYPE 3 - RESIDENTIAL
 AREA TYPE 4 - OBD
 AREA TYPE 5 - RURAL

LANE VALUES REPORTED ARE TRUE LANE VALUES.

THE FOLLOWING RATES ARE USED IN THE VARIOUS CALCULATIONS:

ACCIDENT RATES: FREEWAYS - 1.060 PER MILLION VEHICLE MILES
 ARTERIALS - 5.830 PER MILLION VEHICLE MILES
 LOCALS - 8.630 PER MILLION VEHICLE MILES

INJURY RATES : FREEWAYS - 0.730 PER MILLION VEHICLE MILES
 ARTERIALS - 3.850 PER MILLION VEHICLE MILES
 LOCALS - 3.490 PER MILLION VEHICLE MILES

FATALITY RATES: FREEWAYS - 0.009 PER MILLION VEHICLE MILES
 ARTERIALS - 0.019 PER MILLION VEHICLE MILES
 LOCALS - 0.018 PER MILLION VEHICLE MILES

* * *	* * * *	* * * *	*	*	*	*	* * * *	* * * *	* * * *	* * *	*	*	* * * *
*	*	*	*	*	*	*	* * *	*	*	*	*	*	* * *
* * * *	* * *	* * *	*	*	*	*	* * *	*	*	*	*	*	* * *
*	*	*	*	*	*	*	*	*	*	*	*	*	*
*	*	* * * *	* * * *	* * *	*	*	*	*	*	* * * *	* * *	*	*

CARBON MONOXIDE EMISSIONS (GRAMS PER VEHICLE MILE)

HYDROCARBON EMISSIONS (GRAMS PER VEHICLE MILES)

³	40	-	45	³	1.05	1.05	1.05	1.05	1.05	1.05	1.05
1.05			1.05	³							
³	45	-	50	³	0.97	0.97	0.97	0.97	0.97	0.97	0.97
0.97			0.97	³							
³	50	-	55	³	0.95	0.95	0.95	0.95	0.95	0.95	0.95
0.95			0.95	³							
³	55	-	60	³	0.98	0.98	0.98	0.98	0.98	0.98	0.98
0.98			0.98	³							
³	GE	60	³	1.07	1.07	1.07	1.07	1.07	1.07	1.07	1.07
1.07		1.07	³								
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OXIDES OF NITROGEN EMISSIONS (GRAMS PER VEHICLE MILE)											
<hr/>											
<hr/>											
³	SPEED	³	FT	1	³	FT	2	³	FT	3	³
FT	8	³	FT	9	³						
<hr/>											
³		³			³			³			
³	LT	20	³	1.99		1.99		1.99		1.99	
1.99		1.99	³								
³	20	-	25	³	1.89	1.89	1.89	1.89	1.89	1.89	1.89
1.89		1.89	³								
³	25	-	30	³	1.88	1.88	1.88	1.88	1.88	1.88	1.88
1.88		1.88	³								
³	30	-	35	³	1.89	1.89	1.89	1.89	1.89	1.89	1.89
1.89		1.89	³								
³	35	-	40	³	1.91	1.91	1.91	1.91	1.91	1.91	1.91
1.91		1.91	³								
³	40	-	45	³	1.94	1.94	1.94	1.94	1.94	1.94	1.94
1.94		1.94	³								
³	45	-	50	³	1.99	1.99	1.99	1.99	1.99	1.99	1.99
1.99		1.99	³								
³	50	-	55	³	2.25	2.25	2.25	2.25	2.25	2.25	2.25
2.25		2.25	³								
³	55	-	60	³	2.56	2.56	2.56	2.56	2.56	2.56	2.56
2.56		2.56	³								
³	GE	60	³	2.92		2.92		2.92		2.92	
2.92		2.92	³								
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FUEL USE (GALLONS PER MILE)

EVAL USES CONSTRUCTION CODES TO CALCULATE NEW AND IMPROVED LANE MILES AND CONSTRUCTION COSTS. THE CODE DEFINITIONS ARE:

CODE

- 1 - ADD 2 LANES, FT REMAINS SAME (ONE WAY - ADD 1 LANE)
 - 2 - ADD 4 LANES, FT REMAINS SAME (ONE WAY - ADD 2 LANES)
 - 3 - ADD 6 LANES, FT REMAINS SAME (ONE WAY - ADD 3 LANES)
 - 4 - ADD 2 LANES, UPGRADE FT BY 1
 - 5 - ADD 2 LANES, UPGRADE FT BY 2
 - 6 - ADD 4 LANES, UPGRADE FT BY 1
 - 7 - NEW CONSTRUCTION - 2 LANES (ONE WAY - 1 LANE)
 - 8 - NEW CONSTRUCTION - 4 LANES (ONE WAY - 2 LANES)
 - 9 - NEW CONSTRUCTION - 6 LANES (ONE WAY - 3 LANES)
 - 0 - NO NEW CONSTRUCTION

CONSTRUCTION COST : THOUSAND DOLLARS PER MILE

HIGHWAY EVALUATION -- YEAR/ALT (c15) -- REPORT: TOTAL SYSTEM MILES

	CBD	FRINGE	RESID.	OBD	RURAL	Total
FREEWAY	6.14	1.68	88.56	56.07	2.03	154.48
D. ART	6.45	0.47	284.22	218.48	25.19	534.81
U. ART	5.94	0.20	155.52	50.63	57.56	269.85
COLLCTR	7.40	0.85	360.59	84.80	132.62	586.26
1 WAY	19.28	1.18	24.40	34.36	0.00	79.22
RAMP	6.52	1.84	57.33	38.22	2.78	106.69
HOV	0.00	0.00	48.31	3.28	0.00	51.59
TOLL	0.00	0.00	109.94	15.45	38.28	163.67
Totals	51.73	6.22	1128.87	501.29	258.46	1946.57

HIGHWAY EVALUATION -- YEAR/ALT (c15) -- REPORT: TOTAL LANE MILES

	CBD	FRINGE	RESID.	OBD	RURAL	Total
FREEWAY	21.36	5.72	314.50	209.26	10.40	561.24
D. ART	28.29	2.32	1296.67	1078.67	101.50	2507.45
U. ART	17.31	0.40	392.50	177.97	160.88	749.06
COLLCTR	20.89	1.70	907.19	257.88	290.80	1478.46
1 WAY	48.25	2.53	59.65	87.52	0.00	197.95
RAMP	9.68	3.00	83.42	56.02	5.02	157.14
HOV	0.00	0.00	48.47	3.28	0.00	51.75
TOLL	0.00	0.00	295.04	30.72	100.71	426.47
Totals	145.78	15.67	3397.44	1901.32	669.31	6129.52

HIGHWAY EVALUATION -- YEAR/ALT (c15) -- REPORT: TOTAL DIRECTIONAL SYSTEM MILES

	CBD	FRINGE	RESID.	OBD	RURAL	Total
FREEWAY	6.14	1.68	92.97	56.07	2.60	159.46
D. ART	12.90	0.94	568.44	436.96	50.38	1069.62
U. ART	11.86	0.40	311.04	101.26	115.04	539.60
COLLCTR	14.80	1.70	721.18	169.60	265.24	1172.52
1 WAY	19.28	1.18	24.40	34.36	0.00	79.22
RAMP	6.52	1.84	59.05	38.48	2.78	108.67
HOV	0.00	0.00	48.31	3.28	0.00	51.59
TOLL	0.00	0.00	110.35	15.45	38.28	164.08
Totals	71.50	7.74	1935.74	855.46	474.32	3344.76

HIGHWAY EVALUATION -- YEAR/ALT (c15) -- REPORT: AVERAGE LINK LENGTH USING SYSTEM MILES

	CBD	FRINGE	RESID.	OBD	RURAL	Total
FREEWAY	0.16	0.13	0.30	0.31	0.41	0.29
D. ART	0.11	0.09	0.25	0.20	0.42	0.22
U. ART	0.10	0.10	0.27	0.20	0.69	0.27
COLLCTR	0.09	0.08	0.26	0.21	0.48	0.27
1 WAY	0.07	0.07	0.22	0.22	0.00	0.14
RAMP	0.10	0.09	0.12	0.09	0.12	0.11
HOV	0.00	0.00	0.17	0.15	0.00	0.17
TOLL	0.00	0.00	0.23	0.23	0.48	0.26
Totals	0.09	0.09	0.24	0.19	0.49	0.23

HIGHWAY EVALUATION -- YEAR/ALT (c15) -- REPORT: TOTAL VMT USING VOLUMES ON
LINKS WITH CAPACITIES

	CBD	FRINGE	RESID.	OBD	RURAL	Total
FREEWAY	421916	113289	5964161	4663315	265378	11428058
D. ART	257302	15623	10570114	9964867	579563	21387470
U. ART	114242	2785	2980796	1449441	596710	5143974
COLLCTR	115460	10781	4538684	1436933	544192	6646050
1 WAY	309826	9982	399158	590408	0	1309375
RAMP	136259	42322	895283	704916	38711	1817491
HOV	0	0	612094	29846	0	641940
TOLL	0	0	3759475	615115	1083202	5457792
Totals	1355005	194782	29719766	19454840	3107756	53832148

HIGHWAY EVALUATION -- YEAR/ALT (c15) -- REPORT: TOTAL VMT USING CAPACITY

	CBD	FRINGE	RESID.	OBD	RURAL	Total
FREEWAY	412177	110536	5864682	3917645	188443	10493483
D. ART	232592	20539	11539784	9232436	1297483	22322832
U. ART	130011	2574	2919323	1370558	2040974	6463439
COLLCTR	124403	9817	5426360	1582021	1831204	8973805
1 WAY	372286	20371	532851	702977	0	1628485
RAMP	150159	46161	1264553	857680	61877	2380429
HOV	0	0	922681	62814	0	985495
TOLL	0	0	5417095	570678	1797068	7784841
Totals	1421628	209998	33887328	18296808	7217048	61032808

HIGHWAY EVALUATION -- YEAR/ALT (c15) -- REPORT: RATIO OF VOLUME OVER CAPACITY
VMT

	CBD	FRINGE	RESID.	OBD	RURAL	Total
FREEWAY	1.02	1.02	1.02	1.19	1.41	1.09
D. ART	1.11	0.76	0.92	1.08	0.45	0.96
U. ART	0.88	1.08	1.02	1.06	0.29	0.80
COLLCTR	0.93	1.10	0.84	0.91	0.30	0.74
1 WAY	0.83	0.49	0.75	0.84	0.00	0.80
RAMP	0.91	0.92	0.71	0.82	0.63	0.76
HOV	0.00	0.00	0.66	0.48	0.00	0.65
TOLL	0.00	0.00	0.69	1.08	0.60	0.70
Totals	0.95	0.93	0.88	1.06	0.43	0.88

HIGHWAY EVALUATION -- YEAR/ALT (c15) -- REPORT: TOTAL VHT USING VOLUMES ON
LINKS WITH CAPACITIES

	CBD	FRINGE	RESID.	OBD	RURAL	Total
FREEWAY	14142	2840	237379	177880	12308	444548
D. ART	19053	532	520010	580577	15107	1135279
U. ART	7332	116	158902	89068	14455	269873
COLLCTR	7526	1057	226129	80134	17273	332119
1 WAY	25614	652	18131	32445	0	76841
RAMP	8964	1861	51169	36851	939	99784
HOV	0	0	22127	971	0	23098
TOLL	0	0	161715	18509	27923	208147
Totals	82631	7059	1395561	1016435	88004	2589689

HIGHWAY EVALUATION -- YEAR/ALT (c15) -- REPORT: TOTAL VHT USING CAPACITIES

	CBD	FRINGE	RESID.	OBD	RURAL	Total
FREEWAY	12607	2696	195626	135883	8444	355256
D. ART	15613	633	503844	482735	29066	1031892
U. ART	7702	107	136912	70574	45123	260418
COLLCTR	7327	749	228305	74459	49470	360310
1 WAY	28996	1089	21747	34371	0	86204
RAMP	7491	1762	53053	37083	1265	100654
HOV	0	0	27781	1478	0	29259
TOLL	0	0	269928	17490	69682	357101
Totals	79737	7037	1437195	854074	203051	2581094

HIGHWAY EVALUATION -- YEAR/ALT (c15) -- REPORT: RATIO OF VOLUME OVER CAPACITY
VHT

	CBD	FRINGE	RESID.	OBD	RURAL	Total
FREEWAY	1.12	1.05	1.21	1.31	1.46	1.25
D. ART	1.22	0.84	1.03	1.20	0.52	1.10
U. ART	0.95	1.09	1.16	1.26	0.32	1.04
COLLCTR	1.03	1.41	0.99	1.08	0.35	0.92
1 WAY	0.88	0.60	0.83	0.94	0.00	0.89
RAMP	1.20	1.06	0.96	0.99	0.74	0.99
HOV	0.00	0.00	0.80	0.66	0.00	0.79
TOLL	0.00	0.00	0.60	1.06	0.40	0.58
Totals	1.04	1.00	0.97	1.19	0.43	1.00

HIGHWAY EVALUATION -- YEAR/ALT (c15) -- REPORT: TOTAL VOLUME ON ALL LINKS WITH CAPACITIES

	CBD	FRINGE	RESID.	OBD	RURAL	Total
FREEWAY	2808970	912924	18591216	14744509	621502	37679120
D. ART	2465874	169943	43914384	52649236	1315200100514632	
U. ART	1158638	27928	11730666	7631727	1030324	21579282
COLLCTR	1359595	147577	18540412	6944775	1447562	28439920
1 WAY	4255453	147001	1726042	2869085	0	8997581
RAMP	1273377	423938	7037969	6523211	282777	15541272
HOV	0	0	2743868	146352	0	2890220
TOLL	0	0	11516435	2148631	2032906	15697972
Totals	13321908	1829310115800992	93657528	6730271231340000		

HIGHWAY EVALUATION -- YEAR/ALT (c15) -- REPORT: TOTAL CAPACITIES

	CBD	FRINGE	RESID.	OBD	RURAL	Total
FREEWAY	2643991	850477	19152390	12410507	434868	35492232
D. ART	2249046	211696	46472472	47278840	3108432	99320488
U. ART	1313236	25740	11073047	6935072	2474990	21822084
COLLCTR	1329649	127328	21565904	7417056	4076050	34515984
1 WAY	5513086	283316	2378181	3133106	0	11307689
RAMP	1407993	439240	9801479	8551180	480714	20680606
HOV	0	0	5321965	418473	0	5740438
TOLL	0	0	18073170	2062601	3651598	23787368
Totals	14457001	1937797133838608	88206832	14226652252666896		

HIGHWAY EVALUATION -- YEAR/ALT (c15) -- REPORT: RATIO OF VOLUME OVER CAPACITY

	CBD	FRINGE	RESID.	OBD	RURAL	Total
FREEWAY	1.06	1.07	0.97	1.19	1.43	1.06
D. ART	1.10	0.80	0.94	1.11	0.42	1.01
U. ART	0.88	1.08	1.06	1.10	0.42	0.99
COLLCTR	1.02	1.16	0.86	0.94	0.36	0.82
1 WAY	0.77	0.52	0.73	0.92	0.00	0.80
RAMP	0.90	0.97	0.72	0.76	0.59	0.75
HOV	0.00	0.00	0.52	0.35	0.00	0.50
TOLL	0.00	0.00	0.64	1.04	0.56	0.66
Totals	0.92	0.94	0.87	1.06	0.47	0.92

HIGHWAY EVALUATION -- YEAR/ALT (c15) -- REPORT: TOTAL VOLUME ON ALL LINKS

	CBD	FRINGE	RESID.	OBD	RURAL	Total
FREEWAY	2808970	912924	18591216	14744509	621502	37679120
D. ART	2465874	169943	43914384	52649236	1315200100514632	
U. ART	1158638	27928	11730666	7631727	1030324	21579282
COLLCTR	1359595	147577	18540412	6944775	1447562	28439920
1 WAY	4255453	147001	1726042	2869085	0	8997581
RAMP	1273377	423938	7037969	6523211	282777	15541272
HOV	0	0	2743868	146352	0	2890220
TOLL	0	0	11516435	2148631	2032906	15697972
Totals	13321908	1829310115800992	93657528		6730271231340000	

HIGHWAY EVALUATION -- YEAR/ALT (c15) -- REPORT: VOLUME PERCENTAGES ON ALL LINKS

	CBD	FRINGE	RESID.	OBD	RURAL	Total
FREEWAY	1.21	0.39	8.04	6.37	0.27	16.29
D. ART	1.07	0.07	18.98	22.76	0.57	43.45
U. ART	0.50	0.01	5.07	3.30	0.45	9.33
COLLCTR	0.59	0.06	8.01	3.00	0.63	12.29
1 WAY	1.84	0.06	0.75	1.24	0.00	3.89
RAMP	0.55	0.18	3.04	2.82	0.12	6.72
HOV	0.00	0.00	1.19	0.06	0.00	1.25
TOLL	0.00	0.00	4.98	0.93	0.88	6.79
Totals	5.76	0.79	50.06	40.48	2.91	100.00

HIGHWAY EVALUATION -- YEAR/ALT (c15) -- REPORT: AVERAGE TOTAL VOLUMES ON ALL LINKS

	CBD	FRINGE	RESID.	OBD	RURAL	Total
FREEWAY	73920	70225	63887	82372	124300	71633
D. ART	40424	33989	37988	47304	21920	41969
U. ART	18688	13964	20190	30165	12266	21975
COLLCTR	16785	13416	13272	17319	5264	13136
1 WAY	15253	9188	15691	18510	0	16067
RAMP	18726	21197	14393	15719	12295	15312
HOV	0	0	9800	6652	0	9570
TOLL	0	0	24348	32555	25411	25360
Totals	22618	27303	24241	35967	12771	27013

HIGHWAY EVALUATION -- YEAR/ALT (c15) -- REPORT: ORIGINAL SPEEDS (MPH)

	CBD	FRINGE	RESID.	OBD	RURAL	Total
FREEWAY	47.41	50.15	50.00	54.70	64.73	51.64
D. ART	30.81	40.29	34.37	35.52	47.81	35.26
U. ART	21.12	29.27	28.57	27.97	45.60	30.65
COLLCTR	21.41	21.79	29.74	27.95	38.71	30.90
1 WAY	20.72	22.91	32.89	34.37	0.00	29.09
RAMP	39.80	37.05	36.36	35.56	54.51	36.58
HOV	0.00	0.00	60.69	68.81	0.00	61.15
TOLL	0.00	0.00	43.90	46.93	59.97	47.20
Totals	24.69	31.00	32.68	33.58	42.51	33.78

HIGHWAY EVALUATION -- YEAR/ALT (c15) -- REPORT: CONGESTED SPEEDS (MPH)

	CBD	FRINGE	RESID.	OBD	RURAL	Total
FREEWAY	34.11	40.81	30.50	29.24	22.32	30.07
D. ART	14.48	30.65	22.34	18.72	41.47	21.01
U. ART	16.38	24.00	20.39	19.05	43.82	22.54
COLLCTR	16.91	13.11	22.74	20.13	37.06	24.28
1 WAY	13.02	16.50	22.52	20.47	0.00	18.36
RAMP	17.17	24.70	22.07	20.61	43.66	21.48
HOV	0.00	0.00	33.15	42.60	0.00	33.62
TOLL	0.00	0.00	17.45	30.16	33.24	20.61
Totals	15.78	21.25	22.26	19.83	38.48	22.71

HIGHWAY EVALUATION -- YEAR/ALT (c15) -- REPORT: PERCENT CHANGE IN SPEED

	CBD	FRINGE	RESID.	OBD	RURAL	Total
FREEWAY	-28.06	-18.62	-38.99	-46.55	-65.52	-41.78
D. ART	-53.01	-23.91	-35.00	-47.28	-13.27	-40.42
U. ART	-22.44	-18.00	-28.62	-31.89	-3.89	-26.44
COLLCTR	-21.01	-39.85	-23.52	-27.97	-4.26	-21.44
1 WAY	-37.16	-27.97	-31.54	-40.44	0.00	-36.87
RAMP	-56.85	-33.33	-39.29	-42.03	-19.90	-41.29
HOV	0.00	0.00	-45.39	-38.10	0.00	-45.02
TOLL	0.00	0.00	-60.26	-35.75	-44.57	-56.34
Totals	-36.09	-31.44	-31.88	-40.93	-9.49	-32.78

HIGHWAY EVALUATION -- YEAR/ALT (c15) -- REPORT: TOTAL VMT USING LINK VOLUMES
(FSUTMS.V54+)

	CBD	FRINGE	RESID.	OBD	RURAL	Total
FREEWAY	421916	113289	5964161	4663315	265378	11428058
D. ART	257302	15623	10570114	9964867	579563	21387470
U. ART	114242	2785	2980796	1449441	596710	5143974
COLLCTR	115460	10781	4538684	1436933	544192	6646050
1 WAY	309826	9982	399158	590408	0	1309375
RAMP	136259	42322	895283	704916	38711	1817491
HOV	0	0	612094	29846	0	641940
TOLL	0	0	3690428	615030	1080793	5386252
Totals	1355005	194782	29650718	19454756	3105347	53760608

HIGHWAY EVALUATION -- YEAR/ALT (c15) -- REPORT: TOTAL VHT (FREE-FLOW TIME)
USING LINK VOLUMES (FSUTMS.V54+)

	CBD	FRINGE	RESID.	OBD	RURAL	Total
FREEWAY	8907	2258	119311	85191	4100	219767
D. ART	8340	390	307811	280984	11970	609496
U. ART	5310	95	103339	50920	13368	173032
COLLCTR	5224	495	148160	49356	14251	217485
1 WAY	14643	423	12014	17413	0	44492
RAMP	3339	1105	23212	18077	723	46456
HOV	0	0	10044	421	0	10465
TOLL	0	0	82683	12752	17876	113311
Totals	45762	4765	806574	515114	62289	1434504

HIGHWAY EVALUATION -- YEAR/ALT (c15) -- REPORT: TOTAL VHT (CONGESTED TIME)
USING LINK VOLUMES (FSUTMS.V54+)

	CBD	FRINGE	RESID.	OBD	RURAL	Total
FREEWAY	14142	2840	237379	177880	12308	444548
D. ART	19053	532	520010	580577	15107	1135279
U. ART	7332	116	158902	89068	14455	269873
COLLCTR	7526	1057	226129	80134	17273	332119
1 WAY	25614	652	18131	32445	0	76841
RAMP	8964	1861	51169	36851	939	99784
HOV	0	0	22127	971	0	23098
TOLL	0	0	161715	18509	27923	208147
Totals	82631	7059	1395561	1016435	88004	2589689

HIGHWAY EVALUATION -- YEAR/ALT (c15) -- REPORT: SPEEDS (FREE-FLOW TIME) USING
LINK VOLUMES (FSUTMS.V54+)

	CBD	FRINGE	RESID.	OBD	RURAL	Total
FREEWAY	47.37	50.18	49.99	54.74	64.72	52.00
D. ART	30.85	40.09	34.34	35.46	48.42	35.09
U. ART	21.52	29.27	28.84	28.46	44.64	29.73
COLLCTR	22.10	21.80	30.63	29.11	38.19	30.56
1 WAY	21.16	23.57	33.23	33.91	0.00	29.43
RAMP	40.81	38.30	38.57	39.00	53.52	39.12
HOV	0.00	0.00	60.94	70.84	0.00	61.34
TOLL	0.00	0.00	44.63	48.23	60.46	47.54
Totals	29.61	40.87	36.76	37.77	49.85	37.48

HIGHWAY EVALUATION -- YEAR/ALT (c15) -- REPORT: SPEEDS (CONGESTED TIME) USING
LINK VOLUMES (FSUTMS.V54+)

	CBD	FRINGE	RESID.	OBD	RURAL	Total
FREEWAY	29.83	39.89	25.13	26.22	21.56	25.71
D. ART	13.50	29.35	20.33	17.16	38.36	18.84
U. ART	15.58	23.92	18.76	16.27	41.28	19.06
COLLCTR	15.34	10.20	20.07	17.93	31.51	20.01
1 WAY	12.10	15.31	22.02	18.20	0.00	17.04
RAMP	15.20	22.74	17.50	19.13	41.22	18.21
HOV	0.00	0.00	27.66	30.75	0.00	27.79
TOLL	0.00	0.00	22.82	33.23	38.71	25.88
Totals	16.40	27.60	21.25	19.14	35.29	20.76

HIGHWAY EVALUATION -- YEAR/ALT (c15) -- REPORT: PERCENT CHANGE IN SPEED USING
LINK VOLUMES (FSUTMS.V54+)

	CBD	FRINGE	RESID.	OBD	RURAL	Total
FREEWAY	-37.02	-20.51	-49.74	-52.11	-66.69	-50.56
D. ART	-56.22	-26.79	-40.81	-51.60	-20.76	-46.31
U. ART	-27.58	-18.29	-34.97	-42.83	-7.52	-35.88
COLLCTR	-30.59	-53.19	-34.48	-38.41	-17.50	-34.52
1 WAY	-42.83	-35.07	-33.74	-46.33	0.00	-42.10
RAMP	-62.75	-40.63	-54.64	-50.95	-22.98	-53.44
HOV	0.00	0.00	-54.61	-56.60	0.00	-54.69
TOLL	0.00	0.00	-48.87	-31.10	-35.98	-45.56
Totals	-44.62	-32.49	-42.20	-49.32	-29.22	-44.61

HIGHWAY EVALUATION -- YEAR/ALT (c15) -- REPORT: TOTAL ACCIDENT OCCURENCES

	CBD	FRINGE	RESID.	OBD	RURAL	Total
FREEWAY	0.45	0.12	6.32	4.94	0.28	12.11
D. ART	1.50	0.09	61.62	58.10	3.38	124.69
U. ART	0.66	0.02	17.11	8.32	3.43	29.53
COLLCTR	0.61	0.06	24.01	7.60	2.88	35.16
1 WAY	1.78	0.06	2.29	3.39	0.00	7.52
RAMP	0.78	0.24	5.14	4.05	0.22	10.43
HOV	0.00	0.00	0.65	0.03	0.00	0.68
TOLL	0.00	0.00	3.99	0.65	1.15	5.79
Totals	5.77	0.58	121.13	87.08	11.33	225.90

HIGHWAY EVALUATION -- YEAR/ALT (c15) -- REPORT: TOTAL INJURY OCCURENCES

	CBD	FRINGE	RESID.	OBD	RURAL	Total
FREEWAY	0.31	0.08	4.35	3.40	0.19	8.34
D. ART	0.99	0.06	40.69	38.36	2.23	82.34
U. ART	0.40	0.01	10.49	5.10	2.10	18.11
COLLCTR	0.36	0.03	14.16	4.48	1.70	20.74
1 WAY	1.09	0.04	1.41	2.08	0.00	4.61
RAMP	0.48	0.15	3.15	2.48	0.14	6.40
HOV	0.00	0.00	0.45	0.02	0.00	0.47
TOLL	0.00	0.00	2.74	0.45	0.79	3.98
Totals	3.63	0.37	77.45	56.38	7.15	144.99

HIGHWAY EVALUATION -- YEAR/ALT (c15) -- REPORT: TOTAL FATALITY OCCURENCES

	CBD	FRINGE	RESID.	OBD	RURAL	Total
FREEWAY	0.00	0.00	0.05	0.04	0.00	0.10
D. ART	0.00	0.00	0.20	0.19	0.01	0.41
U. ART	0.00	0.00	0.06	0.03	0.01	0.10
COLLCTR	0.00	0.00	0.08	0.02	0.01	0.11
1 WAY	0.01	0.00	0.01	0.01	0.00	0.02
RAMP	0.00	0.00	0.02	0.01	0.00	0.03
HOV	0.00	0.00	0.01	0.00	0.00	0.01
TOLL	0.00	0.00	0.03	0.01	0.01	0.05
Totals	0.02	0.00	0.45	0.31	0.04	0.83

HIGHWAY EVALUATION -- YEAR/ALT (c15) -- REPORT: TOTAL EMISSIONS OF CARBON MONOXIDE (KILOGRAMS)

	CBD	FRINGE	RESID.	OBD	RURAL	Total
FREEWAY	7878	1509	108651	92540	7563	218141
D. ART	8692	306	285235	306165	8418	608817
U. ART	4076	72	89398	45437	7829	146811
COLLCTR	4144	396	123549	42762	8917	179768
1 WAY	11506	302	10027	16950	0	38785
RAMP	3575	993	22003	17926	648	45145
HOV	0	0	13481	683	0	14164
TOLL	0	0	53249	10535	18553	82337
Totals	39871	3580	705592	532997	51928	1333968

HIGHWAY EVALUATION -- YEAR/ALT (c15) -- REPORT: TOTAL EMISSIONS OF HYDROCARBONS (KILOGRAMS)

	CBD	FRINGE	RESID.	OBD	RURAL	Total
FREEWAY	566	123	7890	6514	489	15583
D. ART	536	21	18307	19187	661	38712
U. ART	249	5	5615	2824	644	9336
COLLCTR	253	24	7908	2688	671	11544
1 WAY	702	19	660	1079	0	2460
RAMP	234	67	1459	1177	45	2982
HOV	0	0	905	43	0	948
TOLL	0	0	4239	776	1164	6180
Totals	2541	259	46983	34288	3674	87746

HIGHWAY EVALUATION -- YEAR/ALT (c15) -- REPORT: TOTAL EMISSIONS OF OXIDES OF NITROGEN (KILOGRAMS)

	CBD	FRINGE	RESID.	OBD	RURAL	Total
FREEWAY	816	223	11671	9164	523	22398
D. ART	503	30	20240	19314	1220	41307
U. ART	225	5	5753	2804	1173	9960
COLLCTR	228	21	8688	2770	1036	12743
1 WAY	615	19	769	1142	0	2545
RAMP	267	81	1741	1375	93	3557
HOV	0	0	1302	68	0	1371
TOLL	0	0	7315	1181	3115	11611
Totals	2654	380	57479	37818	7160	105491

HIGHWAY EVALUATION -- YEAR/ALT (c15) -- REPORT: TOTAL FUEL USE (GALS)

	CBD	FRINGE	RESID.	OBD	RURAL	Total
FREEWAY	26404	7090	373237	291830	16607	715168
D. ART	16102	978	661478	623602	36269	1338428
U. ART	7149	174	186538	90706	37342	321910
COLLCTR	7226	675	284031	89923	34056	415910
1 WAY	19389	625	24979	36948	0	81941
RAMP	8527	2649	56027	44114	2423	113739
HOV	0	0	38305	1868	0	40173
TOLL	0	0	235268	38494	67787	341549
Totals	84796	12189	1859863	1217484	194483	3368815

HIGHWAY EVALUATION -- YEAR/ALT (c15) -- REPORT: TOTAL NEW LANE MILEAGE

	CBD	FRINGE	RESID.	OBD	RURAL	Total
Totals	0	0	0	0	0	0

HIGHWAY EVALUATION -- YEAR/ALT (c15) -- REPORT: TOTAL CONSTRUCTION COST (X \$1000)

	CBD	FRINGE	RESID.	OBD	RURAL	Total
Totals	0	0	0	0	0	0

HIGHWAY EVALUATION -- YEAR/ALT (c15) -- REPORT: TOTAL DELAY DUE TO CONGESTION (VEH-HRS)

	CBD	FRINGE	RESID.	OBD	RURAL	Total
FREEWAY	5235.28	582.41118067.18	92688.51	8207.96224781.34		
D. ART	10712.45	142.59212199.11299592.34	3136.33525782.81			
U. ART	2021.89	21.30 55563.05	38148.07	1086.81 96841.12		
COLLCTR	2302.25	562.01 77968.79	30778.81	3021.87114633.72		
1 WAY	10971.00	228.70 6116.90	15032.07	0.00 32348.67		
RAMP	5625.29	756.10 27957.07	18774.18	215.82 53328.46		
HOV	0.00	0.00 12083.18	549.35	0.00 12632.53		
TOLL	0.00	0.00 79032.49	5757.25	10046.46 94836.20		
Totals	36868.16	2293.11588987.75501320.59	25715.25*****			

HIGHWAY EVALUATION -- YEAR/ALT (c15) : MILES OF ROADWAY AT EACH LEVEL OF SERVICE

	LEVEL OF SERVICE						
	A	B	C	D	E	F	TOTAL
FREEWAY	29.58	20.16	18.25	26.81	31.19	28.47	154.48
D. ART	128.23	84.57	113.16	87.88	63.51	57.45	534.81
U. ART	106.61	25.94	29.64	25.43	25.23	57.01	269.85
COLLCTR	325.14	50.45	51.21	47.15	40.03	72.28	586.26
1 WAY	38.00	13.31	13.67	5.32	1.79	7.13	79.22
RAMP	58.24	9.65	11.05	7.16	5.83	14.76	106.69
HOV	28.43	12.06	10.60	0.50	0.00	0.00	51.59
TOLL	117.18	17.09	9.46	11.18	3.83	4.93	163.67
Total	831.41	233.23	257.04	211.44	171.41	242.04	1946.57

HIGHWAY EVALUATION -- YEAR/ALT (c15) : PERCENT OF MILEAGE AT EACH LEVEL OF SERVICE

	LEVEL OF SERVICE						
	A	B	C	D	E	F	TOTAL
FREEWAY	1.52	1.04	0.94	1.38	1.60	1.46	7.94
D. ART	6.59	4.34	5.81	4.51	3.26	2.95	27.47
U. ART	5.48	1.33	1.52	1.31	1.30	2.93	13.86
COLLCTR	16.70	2.59	2.63	2.42	2.06	3.71	30.12
1 WAY	1.95	0.68	0.70	0.27	0.09	0.37	4.07
RAMP	2.99	0.50	0.57	0.37	0.30	0.76	5.48
HOV	1.46	0.62	0.54	0.03	0.00	0.00	2.65
TOLL	6.02	0.88	0.49	0.57	0.20	0.25	8.41
Total	42.71	11.98	13.20	10.86	8.81	12.43	100.00

HIGHWAY EVALUATION -- YEAR/ALT (c15) -- SCREENLINE SUMMARIES

SCREENLINE NUMBER	ANODE	BNODE	TOTAL VOLUME	TOTAL CAPACITY	VOLUME OVER CAPACITY RATIO	F T	A T
1	1651	1652	28818.	63392.	0.45	21	51
1	1652	2603	28818.	63392.	0.45	21	51
1	2161	2516	35006.	36218.	0.97	23	31
1	2345	7268	29238.	18750.	1.56	98	31
1	2429	7168	18097.	34783.	0.52	92	51
1	2504	8497	16018.	12870.	1.24	37	31
1	2506	2507	33278.	34348.	0.97	24	31
1	2509	2510	62362.	51978.	1.20	24	31
1	2520	8494	50970.	51978.	0.98	24	31
1	2521	8494	64094.	51978.	1.23	24	31
1	2523	2524	6861.	11522.	0.60	45	31
1	2525	2526	17219.	24914.	0.69	44	31
1	2529	2580	10252.	11522.	0.89	45	31
1	2531	7437	17937.	9218.	1.95	47	31
1	2533	2592	22113.	13740.	1.61	36	31
1	2536	7793	59930.	51978.	1.15	24	42
1	2541	2430	110017.	72478.	1.52	12	51
1	2547	2712	26261.	16086.	1.63	33	31
1	2612	7417	19611.	54359.	0.36	92	51
1	2685	3316	54734.	54326.	1.01	23	31
1	3317	8497	16047.	12870.	1.25	37	31
1	3856	4985	131306.	74478.	1.76	12	31
1	4258	2541	110012.	72478.	1.52	12	51
1	4970	4975	0.	18750.	0.00	12	31
1	4995	3858	131289.	74478.	1.76	12	31
1	4998	5001	0.	18750.	0.00	12	31
1	5175	7750	51776.	74478.	0.70	92	31
1	5195	6887	48818.	74478.	0.66	92	31
1	7074	2500	19611.	34783.	0.56	92	51
1	7168	7426	18097.	34783.	0.52	92	51
1	7268	7274	29238.	18750.	1.56	98	31
1	7274	4484	29238.	18750.	1.56	98	31
1	7417	7074	19611.	34783.	0.56	92	51
1	7426	2431	18097.	54359.	0.33	92	51
1	TOTALS		1334774.	1356798.	0.98	SCREEN LINE 1	

HIGHWAY EVALUATION -- YEAR/ALT (c15) -- SCREENLINE SUMMARIES

SCREENLINE NUMBER	ANODE	BNODE	TOTAL VOLUME	TOTAL CAPACITY	VOLUME OVER CAPACITY RATIO	F T	A T
2	1532	2971	65933.	48260.	1.37	24	51
2	1532	4481	65933.	48260.	1.37	24	51
2	2170	6508	30204.	34348.	0.88	24	31
2	2427	2426	37145.	54359.	0.68	92	51
2	2458	7923	42774.	55989.	0.76	92	31
2	2491	5979	8331.	9218.	0.90	47	31
2	2859	2717	39150.	54359.	0.72	92	51
2	3175	3658	13034.	11522.	1.13	45	31
2	3574	7266	14768.	24914.	0.59	44	31
2	3781	5727	8934.	12870.	0.69	37	31
2	3788	5881	11919.	11522.	1.03	45	31
2	4053	4054	22880.	55989.	0.41	12	31
2	4056	4052	35643.	55989.	0.64	12	31
2	4250	7275	26466.	36218.	0.73	23	44
2	4273	4275	51124.	51978.	0.98	24	41
2	4620	7269	34185.	51978.	0.66	24	31
2	5082	9917	49222.	50544.	0.97	25	31
2	5083	7316	38950.	24914.	1.56	44	31
2	5084	9917	37198.	50544.	0.74	25	31
2	5349	5352	45774.	51978.	0.88	24	31
2	5582	7327	31874.	34348.	0.93	24	31
2	5726	5728	46879.	50544.	0.93	25	42
2	5879	5883	35502.	34348.	1.03	24	31
2	5976	5981	42844.	34348.	1.25	24	42
2	6074	6076	60570.	51978.	1.17	24	31
2	6153	6156	62873.	51978.	1.21	24	31
2	6199	7345	15509.	11522.	1.35	45	31
2	6251	6937	36098.	55989.	0.64	92	31
2	6252	7974	13958.	9218.	1.51	46	41
2	6253	6254	5390.	9218.	0.58	46	31
2	6307	6308	33951.	34348.	0.99	24	31
2	6337	9879	15781.	16086.	0.98	33	31
2	6342	9879	16351.	16086.	1.02	33	31
2	6384	9880	31820.	34348.	0.93	24	41
2	6387	9880	32256.	34348.	0.94	24	41
2	6452	6458	19069.	34348.	0.56	24	41
2	6456	7512	15208.	12870.	1.18	37	31
2	6556	6558	9306.	12500.	0.74	43	51
2	6607	6608	8072.	25000.	0.32	43	51
2	6935	6936	42774.	55989.	0.76	92	31
2	6936	8194	42774.	55989.	0.76	92	31
2	6937	6941	36098.	55989.	0.64	92	31
2	6941	7927	36098.	55989.	0.64	92	31
2	7271	7810	20867.	24914.	0.84	44	41
2	7808	7890	5624.	24914.	0.23	44	41
2	7923	6935	42774.	55989.	0.76	92	31
2	7927	2456	36098.	55989.	0.64	92	31
2	TOTALS		1475982.	1744940.	0.85	SCREEN LINE 2	

HIGHWAY EVALUATION -- YEAR/ALT (c15) -- SCREENLINE SUMMARIES

SCREENLINE NUMBER	ANODE	BNODE	TOTAL VOLUME	TOTAL CAPACITY	VOLUME OVER CAPACITY RATIO	F T	A T
3	1525	4277	6410.	12500.	0.51	43	51
3	2134	2139	24008.	22761.	1.05	64	43
3	2138	2133	23643.	22761.	1.04	64	43
3	2405	4249	33890.	54359.	0.62	92	51
3	2715	3138	28145.	34348.	0.82	24	31
3	2715	9780	28328.	34348.	0.82	24	44
3	2970	6069	28766.	34348.	0.84	24	31
3	2973	7381	4188.	32956.	0.13	41	31
3	2976	8381	10271.	9218.	1.11	46	31
3	2991	9783	11104.	16892.	0.66	24	31
3	2992	9783	14335.	16892.	0.85	24	31
3	2994	2997	30821.	34348.	0.90	24	31
3	3000	3651	17245.	18044.	0.96	23	31
3	3007	7593	56924.	51978.	1.10	24	41
3	3099	7825	26672.	34348.	0.78	24	31
3	3137	3138	35145.	51978.	0.68	24	41
3	3139	9780	20818.	34348.	0.61	24	44
3	3142	3143	39174.	34348.	1.14	24	41
3	3146	3147	56231.	51978.	1.08	24	41
3	3150	3628	31547.	34348.	0.92	24	31
3	3156	9778	28798.	32956.	0.87	41	31
3	3157	9778	28991.	32956.	0.88	41	31
3	3160	3161	9665.	11522.	0.84	45	31
3	3166	7404	45631.	51978.	0.88	24	31
3	3173	3174	12857.	11522.	1.12	45	31
3	3181	3182	12482.	12870.	0.97	37	31
3	3187	3297	23360.	25782.	0.91	37	31
3	3206	8097	17435.	17174.	1.02	32	41
3	3209	8096	37390.	34348.	1.09	24	41
3	3302	3303	42660.	34348.	1.24	24	31
3	3307	7414	1597.	9218.	0.17	46	31
3	3721	4277	40552.	54326.	0.75	23	41
3	3884	3889	99503.	74478.	1.34	12	31
3	3885	3883	99116.	74478.	1.33	12	31
3	4223	4220	94537.	74478.	1.27	12	41
3	4225	4219	98579.	74478.	1.32	12	41
3	4244	3205	31638.	54359.	0.58	92	51
3	4785	4793	16691.	19293.	0.87	81	31
3	4787	4780	18611.	19293.	0.96	81	31
3	TOTALS		1287758.	1356958.	0.95	SCREEN LINE 3	

HIGHWAY EVALUATION -- YEAR/ALT (c15) -- SCREENLINE SUMMARIES

SCREENLINE NUMBER	ANODE	BNODE	TOTAL VOLUME	TOTAL CAPACITY	VOLUME OVER CAPACITY RATIO	F T	A T
4	2045	2040	67465.	55989.	1.20	12	31
4	2292	4046	116913.	74478.	1.57	12	41
4	2500	4329	19611.	34783.	0.56	92	51
4	2621	7439	40024.	51978.	0.77	24	31
4	2695	2429	18097.	34783.	0.52	92	51
4	2729	2732	14373.	24914.	0.58	44	31
4	2736	2737	66906.	55989.	1.19	12	31
4	2874	4235	30661.	32956.	0.93	41	31
4	2991	2994	14184.	13740.	1.03	36	31
4	3109	4221	46718.	34348.	1.36	24	41
4	3232	3234	51101.	50544.	1.01	25	41
4	3255	8505	18784.	12870.	1.46	37	31
4	3421	4206	62421.	63566.	0.98	24	41
4	3423	4197	71358.	51978.	1.37	24	44
4	3592	3594	26234.	24914.	1.05	44	44
4	3763	8505	16818.	12870.	1.31	37	31
4	4134	5996	46323.	34348.	1.35	24	31
4	4146	4163	35031.	37500.	0.93	12	31
4	4162	4144	31098.	37500.	0.83	12	31
4	4200	7656	19586.	12870.	1.52	37	44
4	4231	4315	52004.	55989.	0.93	12	31
4	4306	2985	48311.	55989.	0.86	12	31
4	4429	9813	45245.	51978.	0.87	24	44
4	4636	4637	52161.	51978.	1.00	24	44
4	4637	7875	63190.	51978.	1.22	24	41
4	4773	9813	47470.	51978.	0.91	24	44
4	4777	9830	15118.	11522.	1.31	45	41
4	4783	9830	14466.	11522.	1.26	45	41
4	4926	4928	46201.	34392.	1.34	32	41
4	4927	2291	103176.	74478.	1.39	12	41
4	5103	5104	61342.	51978.	1.18	24	41
4	5367	7385	49731.	34348.	1.45	24	41
4	5606	7390	44412.	33392.	1.33	25	41
4	5750	5751	61497.	50544.	1.22	25	41
4	5906	5908	48383.	34348.	1.41	24	31
4	6100	6101	43597.	50544.	0.86	25	41
4	7300	8071	47638.	34348.	1.39	24	41
4	8391	8392	11027.	16086.	0.69	41	41
4	TOTALS		1668676.	1510310.	1.10	SCREEN LINE 4	

HIGHWAY EVALUATION -- YEAR/ALT (c15) -- SCREENLINE SUMMARIES

SCREENLINE NUMBER	ANODE	BNODE	TOTAL VOLUME	TOTAL CAPACITY	VOLUME OVER CAPACITY RATIO	F T	A T
5	2097	2103	14415.	22761.	0.63	64	43
5	2102	2097	13312.	22761.	0.58	64	43
5	2725	2730	31218.	32956.	0.95	41	44
5	3428	3429	61761.	51978.	1.19	24	44
5	3437	3439	25097.	12870.	1.95	37	44
5	3446	3447	13914.	23608.	0.59	45	41
5	3456	3457	50538.	51978.	0.97	24	41
5	3463	3464	12139.	22761.	0.53	64	41
5	3467	3466	10215.	22761.	0.45	64	41
5	3471	3472	16282.	25782.	0.63	37	41
5	3477	3478	38890.	34348.	1.13	24	31
5	3488	3489	28677.	34348.	0.83	24	41
5	3497	3498	39818.	34348.	1.16	24	41
5	3504	3506	44711.	51978.	0.86	24	31
5	3511	3512	32313.	34348.	0.94	24	31
5	3518	3519	29857.	32956.	0.91	41	31
5	3527	3528	37011.	33392.	1.11	25	41
5	3538	3539	8762.	11522.	0.76	45	31
5	3544	3546	40234.	34348.	1.17	24	31
5	3552	3553	28813.	31696.	0.91	34	41
5	3563	9802	49481.	34348.	1.44	24	41
5	3564	9802	48660.	34348.	1.42	24	41
5	3900	3907	96551.	74478.	1.30	12	31
5	3902	3897	96611.	74478.	1.30	12	31
5	4196	4198	111895.	93098.	1.20	12	41
5	4202	4195	105091.	93098.	1.13	12	41
5	4669	4685	19075.	19293.	0.99	81	31
5	4675	4665	19346.	19293.	1.00	81	31
5	6998	6999	66608.	51978.	1.28	24	41
5	TOTALS		1191294.	1117912.	1.07	SCREEN LINE 5	

HIGHWAY EVALUATION -- YEAR/ALT (c15) -- SCREENLINE SUMMARIES

SCREENLINE NUMBER	ANODE	BNODE	TOTAL VOLUME	TOTAL CAPACITY	VOLUME OVER CAPACITY RATIO	F T	A T
6	1577	1580	34740.	37500.	0.93	92	31
6	1578	9994	34740.	37500.	0.93	92	31
6	1579	1578	34740.	37500.	0.93	92	31
6	1580	1579	34740.	37500.	0.93	92	31
6	1581	1582	43407.	37500.	1.16	92	31
6	1582	1583	43407.	37500.	1.16	92	31
6	1583	1584	43407.	37500.	1.16	92	31
6	1584	9993	43407.	37500.	1.16	92	31
6	1585	9999	43407.	37500.	1.16	92	41
6	1586	1585	43407.	37500.	1.16	92	41
6	1587	1586	43407.	37500.	1.16	92	41
6	1596	1597	15232.	37500.	0.41	92	31
6	1598	9996	19546.	37500.	0.52	12	41
6	1614	1598	38.	37500.	0.00	92	31
6	1619	9992	34740.	37500.	0.93	92	31
6	1632	9985	50442.	37500.	1.35	92	41
6	1634	9986	34740.	37500.	0.93	92	41
6	2125	2115	71473.	55989.	1.28	12	41
6	2414	4601	46893.	31413.	1.49	79	41
6	2416	2720	39292.	34348.	1.14	24	41
6	2416	4668	36215.	32652.	1.11	33	41
6	2435	3626	23220.	34783.	0.67	92	51
6	2504	2506	6037.	9218.	0.65	46	31
6	2554	7210	29985.	36218.	0.83	23	31
6	2639	3610	8559.	11522.	0.74	45	31
6	2640	6864	38366.	51978.	0.74	24	31
6	2641	3595	9374.	11522.	0.81	45	31
6	2710	2437	24073.	34783.	0.69	92	51
6	2762	2766	72742.	55989.	1.30	12	41
6	2764	2768	13968.	15457.	0.90	67	41
6	2767	2763	14908.	15457.	0.96	67	41
6	2996	4316	34009.	34348.	0.99	24	44
6	3011	3014	12375.	12108.	1.02	44	41
6	3012	9779	39359.	34348.	1.15	24	41
6	3018	9779	42391.	34348.	1.23	24	41
6	3261	3262	40068.	34348.	1.17	24	31
6	3409	4802	26492.	13740.	1.93	36	41
6	3482	3484	15759.	11522.	1.37	45	41
6	3483	6980	50026.	34348.	1.46	24	41
6	3495	8240	11719.	11522.	1.02	45	31
6	3723	7387	13333.	11522.	1.16	45	41
6	3846	9869	24573.	23608.	1.04	45	31
6	3909	7137	71967.	55989.	1.29	12	41
6	4016	9947	86778.	55989.	1.55	12	31
6	4316	7453	29233.	34348.	0.85	24	44
6	4322	6956	48358.	55989.	0.86	12	31
6	4428	4435	46893.	47120.	1.00	79	41
6	4434	2417	54055.	31413.	1.72	79	41
6	4435	4439	46893.	47120.	1.00	79	41
6	4437	4434	54055.	47120.	1.15	79	41
6	4439	4455	46893.	47120.	1.00	79	41
6	4453	4437	54055.	47120.	1.15	79	41

6	4455	4462	46893.	47120.	1.00	79	41
6	4457	4453	54055.	47120.	1.15	79	41
6	4462	4465	34292.	47120.	0.73	79	41
6	4465	4469	34292.	31413.	1.09	79	41
6	4466	4467	38258.	31413.	1.22	79	41
6	4467	4468	38258.	47120.	0.81	79	41
6	4468	4457	54055.	47120.	1.15	79	41
6	4469	8302	34292.	31413.	1.09	79	41
6	4470	4466	38258.	31413.	1.22	79	41
6	4471	4487	47498.	31413.	1.51	79	41
6	4475	4470	38258.	31413.	1.22	79	41
6	4487	4495	32384.	31413.	1.03	79	41
6	4491	4475	38258.	31413.	1.22	79	41
6	4495	10065	32384.	31413.	1.03	79	41
6	4539	4541	36347.	32652.	1.11	33	41
6	4540	7012	39348.	34348.	1.15	24	41
6	4542	7013	39348.	34348.	1.15	24	41
6	4601	4751	46893.	31413.	1.49	79	41
6	4666	4667	18300.	16086.	1.14	33	41
6	4751	4428	46893.	31413.	1.49	79	41
6	4792	4797	38657.	34348.	1.13	24	41
6	4903	1587	43407.	37500.	1.16	92	41
6	4946	9948	75346.	55989.	1.35	12	31
6	5132	5133	41446.	34348.	1.21	24	41
6	5134	7499	57350.	32652.	1.76	33	41
6	5386	9865	53408.	33392.	1.60	25	41
6	5387	9865	53681.	33392.	1.61	25	41
6	5639	5643	37600.	24914.	1.51	44	12
6	5642	5644	43975.	33392.	1.32	25	12
6	5782	9869	24873.	23608.	1.05	45	31
6	5784	5786	41814.	33392.	1.25	25	41
6	5929	5936	31802.	23608.	1.35	45	41
6	5931	5933	57958.	50544.	1.15	25	41
6	6033	6034	25488.	13740.	1.85	36	31
6	6957	4321	42143.	55989.	0.75	12	31
6	7012	7013	39348.	34348.	1.15	24	41
6	7139	4671	81681.	55989.	1.46	12	41
6	8302	4471	34292.	31413.	1.09	79	41
6	9947	4019	69114.	55989.	1.23	12	31
6	9947	9950	17664.	13109.	1.35	97	31
6	9948	4018	80612.	55989.	1.44	12	31
6	9949	9948	5266.	18750.	0.28	98	31
6	9950	9951	17664.	37500.	0.47	92	31
6	9951	9953	17664.	37500.	0.47	92	31
6	9952	9949	5266.	37500.	0.14	92	31
6	9953	9955	10554.	37500.	0.28	92	31
6	9954	9952	5266.	37500.	0.14	92	31
6	9955	9957	10554.	37500.	0.28	92	31
6	9956	9954	5266.	37500.	0.14	92	31
6	9957	9959	42938.	37500.	1.15	92	31
6	9958	9956	5266.	37500.	0.14	92	41
6	9959	9961	42938.	37500.	1.15	92	31
6	9960	9958	5266.	37500.	0.14	92	41
6	9961	9963	42938.	37500.	1.15	92	31
6	9962	9960	50442.	37500.	1.35	92	31
6	9963	9965	42938.	37500.	1.15	92	31
6	9964	9962	50442.	37500.	1.35	92	41

6	9965	9968	42938.	37500.	1.15	92 41
6	9967	9964	50442.	37500.	1.35	92 31
6	9968	9970	42938.	37500.	1.15	92 41
6	9969	9967	50442.	37500.	1.35	92 41
6	9970	9972	42938.	37500.	1.15	92 41
6	9971	9969	50442.	37500.	1.35	92 41
6	9972	9974	42938.	37500.	1.15	92 41
6	9973	9971	50442.	37500.	1.35	92 41
6	9974	9976	42938.	37500.	1.15	92 41
6	9975	9973	50442.	37500.	1.35	92 41
6	9976	9978	42938.	37500.	1.15	92 41
6	9977	9975	50442.	37500.	1.35	92 41
6	9978	9980	42938.	37500.	1.15	92 41
6	9979	9977	50442.	37500.	1.35	92 41
6	9980	9982	42938.	37500.	1.15	92 41
6	9981	9979	50442.	37500.	1.35	92 41
6	9982	9984	42938.	37500.	1.15	92 41
6	9983	9981	50442.	37500.	1.35	92 41
6	9984	1634	42938.	37500.	1.15	92 41
6	9985	9983	50442.	37500.	1.35	92 41
6	9986	9988	34740.	37500.	0.93	92 41
6	9987	1632	43407.	37500.	1.16	92 41
6	9988	9990	34740.	37500.	0.93	92 41
6	9989	9987	43407.	37500.	1.16	92 41
6	9990	1619	34740.	37500.	0.93	92 31
6	9991	9989	43407.	37500.	1.16	92 41
6	9992	1577	34740.	37500.	0.93	92 31
6	9993	9991	43407.	37500.	1.16	92 31
6	9994	1596	15232.	37500.	0.41	92 31
6	9994	1598	19507.	15707.	1.24	71 31
6	9995	1581	43407.	37500.	1.16	92 31
6	9996	9998	19546.	37500.	0.52	12 41
6	9997	9995	43407.	37500.	1.16	92 31
6	9998	1599	19546.	37500.	0.52	12 41
6	9999	9997	43407.	37500.	1.16	92 41
6	10018	4491	38258.	31413.	1.22	79 41
6	10065	9957	32384.	31413.	1.03	79 41
6	TOTALS		5543912.	5194924.	1.07	

HIGHWAY EVALUATION -- YEAR/ALT (c15) -- SCREENLINE SUMMARIES

SCREENLINE NUMBER	ANODE	BNODE	TOTAL VOLUME	TOTAL CAPACITY	VOLUME OVER CAPACITY RATIO	F T	A T
7	1613	2462	1774.	18750.	0.09	98	31
7	2004	7854	110903.	106174.	1.04	21	32
7	2039	2051	35156.	33392.	1.05	25	42
7	2041	2057	27210.	33392.	0.81	25	12
7	2042	2058	17705.	25044.	0.71	38	43
7	2308	5113	46778.	34348.	1.36	24	31
7	2323	5092	50266.	50544.	0.99	25	31
7	2345	7717	64200.	74478.	0.86	92	31
7	2358	4084	120421.	93098.	1.29	12	41
7	2389	5103	51027.	51978.	0.98	24	31
7	3984	3987	10931.	31413.	0.35	79	11
7	3986	3985	115815.	77174.	1.50	11	11
7	4085	2362	120298.	93098.	1.29	12	41
7	4908	8529	64523.	51978.	1.24	24	41
7	5002	5198	21715.	15707.	1.38	75	11
7	5003	6430	99642.	77174.	1.29	11	11
7	5013	5014	9109.	11522.	0.79	45	11
7	5020	7446	9480.	11914.	0.80	38	11
7	5026	5027	23357.	23608.	0.99	45	11
7	5034	5037	13727.	22174.	0.62	64	11
7	5059	5060	23353.	22174.	1.05	64	11
7	5071	9724	68720.	54663.	1.26	25	11
7	5072	9724	81431.	54663.	1.49	25	11
7	5106	8379	15562.	11522.	1.35	45	31
7	5122	5123	21488.	12870.	1.67	37	31
7	5131	5132	68330.	51978.	1.31	24	41
7	5140	5141	49410.	34348.	1.44	24	41
7	5147	5148	20007.	12870.	1.55	37	31
7	5153	5154	59519.	50544.	1.18	25	41
7	5159	5160	43555.	33392.	1.30	25	41
7	5164	5166	54722.	50544.	1.08	25	31
7	5170	5171	40623.	27130.	1.50	36	41
7	5173	5180	19377.	16086.	1.20	33	41
7	5176	5177	41453.	33392.	1.24	25	31
7	6430	5209	99642.	77174.	1.29	11	11
7	7716	4482	90611.	93098.	0.97	92	31
7	8503	1613	1774.	18750.	0.09	98	31
7	TOTALS		1813610.	1592158.	1.14		

HIGHWAY EVALUATION -- YEAR/ALT (c15) -- SCREENLINE SUMMARIES

SCREENLINE NUMBER	ANODE	BNODE	TOTAL VOLUME	TOTAL CAPACITY	VOLUME OVER CAPACITY RATIO	F T	A T
8	1553	2475	6718.	34783.	0.19	98	51
8	1561	6895	8809.	34783.	0.25	92	51
8	2146	2149	47518.	51978.	0.91	24	43
8	2171	2803	86409.	74478.	1.16	12	31
8	2213	2214	29019.	31413.	0.92	75	31
8	2236	2242	34322.	31413.	1.09	79	31
8	2252	2928	28660.	24914.	1.15	44	31
8	2269	2244	4074.	15707.	0.26	75	31
8	2270	2271	58576.	55989.	1.05	12	31
8	2280	2281	66054.	55989.	1.18	12	31
8	2438	1553	6718.	34783.	0.19	92	51
8	2477	1561	8809.	34783.	0.25	98	51
8	2509	2513	33926.	36218.	0.94	23	31
8	2558	2561	47429.	54326.	0.87	23	31
8	2565	2669	11277.	11522.	0.98	45	31
8	2660	2664	46301.	51978.	0.89	24	31
8	2804	2172	94048.	74478.	1.26	12	31
8	2807	3713	6881.	13740.	0.50	36	31
8	2811	2812	33117.	34348.	0.96	24	31
8	2819	2820	11472.	9218.	1.24	46	31
8	2824	2949	16872.	12108.	1.39	44	31
8	2831	3709	8828.	12108.	0.73	44	31
8	2832	2953	9386.	9218.	1.02	46	31
8	2844	2960	41062.	34348.	1.20	24	41
8	2850	4404	70901.	63566.	1.12	24	41
8	3706	3707	15815.	11522.	1.37	45	31
8	4911	4913	10804.	19293.	0.56	81	31
8	5365	5375	6821.	19293.	0.35	81	31
8	8261	8262	12658.	11522.	1.10	45	31
8	TOTALS		863283.	959819.	0.90		

HIGHWAY EVALUATION -- YEAR/ALT (c15) -- SCREENLINE SUMMARIES

SCREENLINE NUMBER	ANODE	BNODE	TOTAL VOLUME	TOTAL CAPACITY	VOLUME OVER CAPACITY RATIO	F T	A T
9	3749	7534	19155.	16086.	1.19	41	41
9	3798	5974	39862.	34348.	1.16	24	41
9	4132	9915	69525.	55989.	1.24	12	31
9	4135	4133	67049.	55989.	1.20	12	31
9	4141	10064	18581.	55989.	0.33	99	31
9	4152	4153	46372.	47120.	0.98	75	31
9	4444	7901	56279.	74478.	0.76	92	31
9	5725	7894	56865.	74478.	0.76	92	31
9	5956	6038	30313.	33260.	0.91	23	51
9	5958	7370	9434.	32956.	0.29	41	31
9	5959	7223	15193.	24914.	0.61	44	31
9	5962	7330	27489.	34348.	0.80	24	31
9	5963	6050	8902.	24914.	0.36	44	31
9	5966	6054	41779.	51978.	0.80	24	31
9	5969	6063	31056.	34348.	0.90	24	31
9	6078	7373	36975.	34348.	1.08	24	31
9	6092	6093	36253.	34348.	1.06	24	31
9	6110	7950	42690.	50544.	0.84	25	41
9	6112	6116	23663.	16086.	1.47	33	31
9	6120	6121	37886.	17174.	2.21	32	32
9	6126	6178	24305.	17174.	1.42	32	32
9	7893	9840	9104.	63392.	0.14	21	51
9	7894	4442	56865.	74478.	0.76	92	31
9	7901	5730	56279.	74478.	0.76	92	31
9	8224	4149	50372.	74478.	0.68	92	31
9	8328	9840	7821.	63392.	0.12	21	51
9	9915	4136	69525.	55989.	1.24	12	31
9	10064	6087	18581.	55989.	0.33	92	31
9	TOTALS		1008174.	1283065.	0.79		

HIGHWAY EVALUATION -- YEAR/ALT (c15) -- SCREENLINE SUMMARIES

SCREENLINE			TOTAL VOLUME	TOTAL CAPACITY	VOLUME OVER CAPACITY	F T	A T
NUMBER	ANODE	BNODE			RATIO		
10	2218	2912	40789.	36218.	1.13	23	31
10	2480	2293	35441.	55989.	0.63	92	31
10	2487	5198	13407.	11522.	1.16	45	31
10	2582	3857	78250.	51978.	1.51	24	31
10	2610	7400	12702.	11522.	1.10	45	31
10	2674	9900	73610.	51978.	1.42	24	31
10	2676	9900	74602.	51978.	1.44	24	31
10	2678	2679	71205.	51978.	1.37	24	41
10	2798	2804	76720.	74478.	1.03	12	41
10	2803	2797	69041.	74478.	0.93	12	41
10	2919	2921	8249.	11522.	0.72	45	31
10	2923	9769	13134.	9218.	1.42	46	31
10	2927	9769	13134.	9218.	1.42	46	31
10	3051	3054	16577.	27826.	0.60	64	31
10	3053	3050	19979.	27826.	0.72	64	31
10	3163	3167	52818.	32652.	1.62	33	31
10	3166	3168	36963.	51978.	0.71	24	31
10	3284	3286	48794.	33392.	1.46	25	31
10	3382	7397	39788.	25044.	1.59	38	31
10	3527	3531	33323.	31609.	1.05	34	41
10	3529	7406	13750.	11522.	1.19	45	41
10	3530	3526	16492.	22761.	0.72	64	31
10	3927	8426	78905.	55989.	1.41	12	31
10	3963	3989	73293.	74478.	0.98	12	41
10	3990	4989	80640.	74478.	1.08	12	41
10	4067	4070	29194.	38587.	0.76	11	41
10	4068	5833	32342.	38587.	0.84	11	41
10	4479	2479	40353.	55989.	0.72	92	31
10	4584	7403	35249.	32652.	1.08	33	31
10	4586	7401	47998.	34348.	1.40	24	41
10	4719	4722	9720.	15218.	0.64	34	41
10	4724	7840	39279.	34348.	1.14	24	41
10	4870	7841	24469.	23608.	1.04	45	41
10	4874	8063	31734.	34348.	0.92	24	41
10	4984	4991	22317.	12108.	1.84	44	31
10	4990	4996	4166.	11522.	0.36	45	41
10	5007	8065	10930.	15457.	0.71	63	31
10	5014	5006	12670.	15457.	0.82	63	11
10	5182	5183	32641.	32728.	1.00	33	41
10	5189	5201	16190.	22761.	0.71	64	31
10	5194	5204	1018.	15022.	0.07	64	21
10	5200	5188	13044.	15022.	0.87	64	31
10	5203	5192	5618.	15022.	0.37	64	21
10	5207	5196	893.	15022.	0.06	64	21
10	5434	5439	17147.	22761.	0.75	64	41
10	5440	5437	18756.	22761.	0.82	64	31
10	5441	8020	18158.	22761.	0.80	64	41
10	5688	5689	31475.	34348.	0.92	24	31
10	5840	5844	14397.	16892.	0.85	24	31
10	5847	7377	28723.	34348.	0.84	24	31
10	8425	3925	70811.	55989.	1.26	12	31
10	TOTALS		1700900.	1659298.	1.03		

HIGHWAY EVALUATION -- YEAR/ALT (c15) -- SCREENLINE SUMMARIES

SCREENLINE NUMBER	ANODE	BNODE	TOTAL VOLUME	TOTAL CAPACITY	VOLUME OVER CAPACITY RATIO	F T	A T
11	3669	6237	20728.	21956.	0.94	35	51
11	3811	6320	10289.	9218.	1.12	46	31
11	3814	6324	21057.	16086.	1.31	33	32
11	4336	6313	62468.	50544.	1.24	25	41
11	6244	7341	49742.	51978.	0.96	24	41
11	6253	6301	28067.	34348.	0.82	24	31
11	6299	8192	71819.	111717.	0.64	92	31
11	6326	9874	32797.	17174.	1.91	32	31
11	6329	7981	5244.	9218.	0.57	46	32
11	6358	9874	32820.	17174.	1.91	32	31
11	7986	7989	10600.	9218.	1.15	46	41
11	7995	7996	26832.	13740.	1.95	36	31
11	8193	2284	83539.	111717.	0.75	92	31
11	TOTALS		456001.	474088.	0.96		
12	2001	5331	26678.	54326.	0.49	23	44
12	2006	2007	110471.	106174.	1.04	21	32
12	2043	4473	16028.	32652.	0.49	33	31
12	2072	9736	103911.	111978.	0.93	12	31
12	2074	9737	75514.	111978.	0.67	12	31
12	2108	3569	51386.	51978.	0.99	24	31
12	2148	8175	60903.	63566.	0.96	24	43
12	2156	8154	28698.	111978.	0.26	17	31
12	3213	3214	28543.	34348.	0.83	24	31
12	5848	5849	36065.	54326.	0.66	23	32
12	9729	9736	10342.	15707.	0.66	73	31
12	9730	9733	13277.	15707.	0.85	73	31
12	9731	9736	93569.	111978.	0.84	12	31
12	9731	9737	80292.	111978.	0.72	12	31
12	9733	9731	13277.	15707.	0.85	73	31
12	TOTALS		748953.	1004381.	0.75		

HIGHWAY EVALUATION -- YEAR/ALT (c15) -- SCREENLINE SUMMARIES

SCREENLINE NUMBER	ANODE	BNODE	TOTAL VOLUME	TOTAL CAPACITY	VOLUME OVER CAPACITY RATIO	F T	A T
13	2155	8461	22821.	37500.	0.61	92	32
13	2452	8460	23064.	37500.	0.62	92	32
13	3666	6371	24412.	34392.	0.71	32	32
13	6364	6366	9192.	25000.	0.37	43	51
13	6367	6368	8300.	12260.	0.68	43	31
13	6371	7998	21711.	20544.	1.06	36	51
13	6433	8377	15954.	13740.	1.16	36	31
13	6489	7491	10040.	12260.	0.82	43	32
13	6492	6546	36932.	34348.	1.08	24	42
13	6501	6503	43520.	32652.	1.33	33	31
13	6558	6559	11197.	15326.	0.73	42	31
13	6562	6563	6712.	9218.	0.73	46	32
13	6568	6611	130.	12500.	0.01	43	51
13	8460	2120	23064.	37500.	0.62	92	32
13	8461	2454	22821.	37500.	0.61	92	32
13	TOTALS		279870.	372240.	0.75		
99	TOTALS		211967376.	233040496.	0.91	SCREEN LINE	99

***	*****	***	*****	*****	***	*****	*****	*****	***	***	***
*	*	*	*	*	*	*	*	*	*	*	*
***	*	*****	*	*	***	*	*	*	*	*	***
*	*	*	*	*	*	*	*	*	*	*	*
***	*	*	*	*	*****	***	*	*****	*****	***	***

TOTAL NUMBER OF LINKS	8564
TOTAL SYSTEM MILES	1946.57
TOTAL LANE MILES	6129.52
TOTAL DIRECTIONAL MILES	3344.76
TOTAL VMT USING VOLUMES	53832148
TOTAL VMT USING CAPACITY	61032808
TOTAL VMT V/C	0.88
TOTAL VHT USING VOLUMES	2589689
TOTAL VHT USING CAPACITY	2581094
TOTAL VHT V/C	1.00
TOTAL VOLUMES ALL LINKS	231340000
AVERAGE TOTAL VOLUME	27013.08
TOTAL VMT ALL LINKS	53832148
TOTAL VHT ALL LINKS	2589689
TOTAL ORIGINAL SPEED (MPH)	33.78
TOTAL CONGESTED SPEED (MPH)	22.71
TOTAL ACCIDENTS	225.90
TOTAL INJURIES	144.99
TOTAL FATALITIES	0.83
TOTAL CO EMISSIONS (KILOGRAMS)	1333968
TOTAL HC EMISSIONS (KILOGRAMS)	87746
TOTAL NO EMISSIONS (KILOGRAMS)	105491
TOTAL FUEL USE	3368815
TOTAL NEW LANE MILEAGE	0
TOTAL CONSTRUCTION COST (X \$1000)	0

TOTAL ACCIDENT COST (DOLLARS)	5744714
TOTAL USERS COST (DOLLARS)	22071148
TOTAL MAINTENANCE COST (DOLLARS)	784294
TOTAL DELAY DUE TO CONGESTION (VEH-HRS)	1155184.88

APPENDIX H

YEAR 2025 EMIS MODEL INPUT & OUTPUT AND SUPPORTING FSUTMS REPORTS/FILES

YEAR 2025 MOBILE6.25A

MOBILE6 INPUT FILE

RUN DATA

MIN/MAX TEMP : 69.3 91.2

>These factors are for Southeast Florida only!

NO REFUELING :

*Indicates that refueling emissions will NOT be included

ABSOLUTE HUMIDITY : 100.0

FUEL RVP : 7.8

SCENARIO RECORD : SPEED = EPA default speed distribution

*User must indicate analysis year for this run in four digit format

CALENDAR YEAR : 2025

EVALUATION MONTH : 7

*User must indicate temperatures used for inventory purposes by area

END OF RUN

YEAR 2025 PROFILE.MAS

&TWODIGIT
YES
&VFACTORS
YES
&NAME NAME OF STUDY
Miami
&MOBILE6
YES
&M6YEAR
2025
&MOBILE DIRECTORY WHERE MOBILE PARAMETER FILES ARE STORED
c:\fsutms.v55\
&IMFAC INSPECTION/MAINTENANCE CREDIT PERCENTAGE FOR EMIS
0.00000
&EMISFAC FACTOR TO ADJUST MODEL VMT TO MATCH HPMS TARGET VALUE
0.99908
&FSUTMS DIRECTORY WHERE SCRIPT FILES ARE LOCATED
.\\SCRIPT
&AVEZONE NUMBER OF ZONES TO AVERAGE TO COMPUTE IZ DISTANCE
1
&TRANZONE TRANSIT ACCESS ANALYSIS ZONE
642
&ZONESI INTERNAL ZONES
1500
&ZONESX FIRST EXTERNAL ZONE
1501
&ZONESA TOTAL ZONES
1521
&VALIDATE
NO
&ANALYSIS
YES
&GLSELECT
0
&GLTITLE
Miami-dade
&SZONE STARTING ZONE FOR CARDINAL DISTRIBUTION
1
&FZONE ENDING ZONE FOR CARDINAL DISTRIBUTION
1500
&DISTRICT NUMBER OF PLANNING DISTRICTS
96
&SUPERDIST NUMBER OF SUPER DISTRICTS
26
&CBDZONE THE CBD ZONES
642
&SELDEST SELECTED DESTINATION ZONES
1-1500
&TERM10 TERMINAL TIME FOR AREA TYPE
5
&TERM11 TERMINAL TIME FOR AREA TYPE
5
&TERM12 TERMINAL TIME FOR AREA TYPE
5
&TERM13 TERMINAL TIME FOR AREA TYPE
3
&TERM14 TERMINAL TIME FOR AREA TYPE

5
&TERM15 TERMINAL TIME FOR AREA TYPE
5
&TERM16 TERMINAL TIME FOR AREA TYPE
5
&TERM17 TERMINAL TIME FOR AREA TYPE
5
&TERM18 TERMINAL TIME FOR AREA TYPE
5
&TERM19 TERMINAL TIME FOR AREA TYPE
5
&TERM20 TERMINAL TIME FOR AREA TYPE
3
&TERM21 TERMINAL TIME FOR AREA TYPE
4
&TERM22 TERMINAL TIME FOR AREA TYPE
3
&TERM23 TERMINAL TIME FOR AREA TYPE
3
&TERM24 TERMINAL TIME FOR AREA TYPE
3
&TERM25 TERMINAL TIME FOR AREA TYPE
3
&TERM26 TERMINAL TIME FOR AREA TYPE
3
&TERM27 TERMINAL TIME FOR AREA TYPE
3
&TERM28 TERMINAL TIME FOR AREA TYPE
3
&TERM29 TERMINAL TIME FOR AREA TYPE
3
&TERM30 TERMINAL TIME FOR AREA TYPE
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&TERM31 TERMINAL TIME FOR AREA TYPE
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&TERM32 TERMINAL TIME FOR AREA TYPE
1
&TERM33 TERMINAL TIME FOR AREA TYPE
1
&TERM34 TERMINAL TIME FOR AREA TYPE
1
&TERM35 TERMINAL TIME FOR AREA TYPE
1
&TERM36 TERMINAL TIME FOR AREA TYPE
1
&TERM37 TERMINAL TIME FOR AREA TYPE
1
&TERM38 TERMINAL TIME FOR AREA TYPE
1
&TERM39 TERMINAL TIME FOR AREA TYPE
1
&TERM40 TERMINAL TIME FOR AREA TYPE
2
&TERM41 TERMINAL TIME FOR AREA TYPE
2
&TERM42 TERMINAL TIME FOR AREA TYPE
3

&TERM43	TERMINAL TIME FOR AREA TYPE
2	
&TERM44	TERMINAL TIME FOR AREA TYPE
2	
&TERM45	TERMINAL TIME FOR AREA TYPE
2	
&TERM46	TERMINAL TIME FOR AREA TYPE
2	
&TERM47	TERMINAL TIME FOR AREA TYPE
2	
&TERM48	TERMINAL TIME FOR AREA TYPE
2	
&TERM49	TERMINAL TIME FOR AREA TYPE
2	
&TERM50	TERMINAL TIME FOR AREA TYPE
1	
&TERM51	TERMINAL TIME FOR AREA TYPE
1	
&TERM52	TERMINAL TIME FOR AREA TYPE
1	
&TERM53	TERMINAL TIME FOR AREA TYPE
1	
&TERM54	TERMINAL TIME FOR AREA TYPE
1	
&TERM55	TERMINAL TIME FOR AREA TYPE
1	
&TERM56	TERMINAL TIME FOR AREA TYPE
1	
&TERM57	TERMINAL TIME FOR AREA TYPE
1	
&TERM58	TERMINAL TIME FOR AREA TYPE
1	
&TERM59	TERMINAL TIME FOR AREA TYPE
1	
&NODES	MAXIMUM NUMBER OF NODES IN HWY NET
200000	
&UNITS	UNITS PER MILE
5280	
&CONFAC	FOR CAPACITY CONSTRAINT
0.10	
&CAPFAC	FOR PLOTTING LOS E
0.10	
&ITER	MAXIMUM EQUILIBRIUM ITERATIONS
25	
&UROADF	UROAD CAPACITY FACTOR
0.75	
&DAMPING	DAMPING FACTOR USED TO MINIMIZE TIME MODULATIONS BETWEEN
ITERATION	
0.5	
&BPRMAX	
4.0	
&EPS	
0.10	
&CTOLL	COEFFICIENT OF TOLL FACTOR USED IN TOLL MODEL
0.08	
&TOLLS1	NOT USED BUT KEEP IN PROFILE.MAS FOR MODEL STREAM
CONTINUITY	

0.10 &TOLLS2 CONTINUITY	NOT USED BUT KEEP IN PROFILE.MAS FOR MODEL STREAM
0.15 &TOLLS3 CONTINUITY	NOT USED BUT KEEP IN PROFILE.MAS FOR MODEL STREAM
0.20 &TOLLS4 CONTINUITY	NOT USED BUT KEEP IN PROFILE.MAS FOR MODEL STREAM
0.25 &TOLLS5 CONTINUITY	NOT USED BUT KEEP IN PROFILE.MAS FOR MODEL STREAM
0.30 &TOLLS6 CONTINUITY	NOT USED BUT KEEP IN PROFILE.MAS FOR MODEL STREAM
0.35 &TOLLS7 CONTINUITY	NOT USED BUT KEEP IN PROFILE.MAS FOR MODEL STREAM
1.00 &TOLLS8 CONTINUITY	NOT USED BUT KEEP IN PROFILE.MAS FOR MODEL STREAM
0.001 &TOLLS9 CONTINUITY	NOT USED BUT KEEP IN PROFILE.MAS FOR MODEL STREAM
0.00 &TOLLS10 CONTINUITY	NOT USED BUT KEEP IN PROFILE.MAS FOR MODEL STREAM
0.00 &TOLLS11 CONTINUITY	NOT USED BUT KEEP IN PROFILE.MAS FOR MODEL STREAM
0.00 &TOLLS12 CONTINUITY	NOT USED BUT KEEP IN PROFILE.MAS FOR MODEL STREAM
0.00 &TOLLS13 CONTINUITY	NOT USED BUT KEEP IN PROFILE.MAS FOR MODEL STREAM
0.00 &TOLLS14 CONTINUITY	NOT USED BUT KEEP IN PROFILE.MAS FOR MODEL STREAM
0.00 &TOLLS15 CONTINUITY	NOT USED BUT KEEP IN PROFILE.MAS FOR MODEL STREAM
0.00 &TOLLS16 CONTINUITY	NOT USED BUT KEEP IN PROFILE.MAS FOR MODEL STREAM
0.00 &TOLLS17 CONTINUITY	NOT USED BUT KEEP IN PROFILE.MAS FOR MODEL STREAM
0.00 &TOLLS18 CONTINUITY	NOT USED BUT KEEP IN PROFILE.MAS FOR MODEL STREAM
0.00 &TOLLS19 CONTINUITY	NOT USED BUT KEEP IN PROFILE.MAS FOR MODEL STREAM
0.00 &TOLLS20 CONTINUITY	NOT USED BUT KEEP IN PROFILE.MAS FOR MODEL STREAM

0.00
&SERVT1 NOT USED BUT KEEP IN PROFILE.MAS FOR MODEL STREAM
CONTINUITY
0.10
&SERVT2 NOT USED BUT KEEP IN PROFILE.MAS FOR MODEL STREAM
CONTINUITY
0.15
&SERVT3 NOT USED BUT KEEP IN PROFILE.MAS FOR MODEL STREAM
CONTINUITY
0.20
&SERVT4 NOT USED BUT KEEP IN PROFILE.MAS FOR MODEL STREAM
CONTINUITY
0.25
&SERVT5 NOT USED BUT KEEP IN PROFILE.MAS FOR MODEL STREAM
CONTINUITY
0.30
&SERVT6 NOT USED BUT KEEP IN PROFILE.MAS FOR MODEL STREAM
CONTINUITY
0.35
&SERVT7 NOT USED BUT KEEP IN PROFILE.MAS FOR MODEL STREAM
CONTINUITY
1.00
&SERVT8 NOT USED BUT KEEP IN PROFILE.MAS FOR MODEL STREAM
CONTINUITY
0.001
&SERVT9 NOT USED BUT KEEP IN PROFILE.MAS FOR MODEL STREAM
CONTINUITY
0.00
&SERVT10 NOT USED BUT KEEP IN PROFILE.MAS FOR MODEL STREAM
CONTINUITY
0.00
&SERVT11 NOT USED BUT KEEP IN PROFILE.MAS FOR MODEL STREAM
CONTINUITY
0.00
&SERVT12 NOT USED BUT KEEP IN PROFILE.MAS FOR MODEL STREAM
CONTINUITY
0.00
&SERVT13 NOT USED BUT KEEP IN PROFILE.MAS FOR MODEL STREAM
CONTINUITY
0.00
&SERVT14 NOT USED BUT KEEP IN PROFILE.MAS FOR MODEL STREAM
CONTINUITY
0.00
&SERVT15 NOT USED BUT KEEP IN PROFILE.MAS FOR MODEL STREAM
CONTINUITY
0.00
&SERVT16 NOT USED BUT KEEP IN PROFILE.MAS FOR MODEL STREAM
CONTINUITY
0.00
&SERVT17 NOT USED BUT KEEP IN PROFILE.MAS FOR MODEL STREAM
CONTINUITY
0.00
&SERVT18 NOT USED BUT KEEP IN PROFILE.MAS FOR MODEL STREAM
CONTINUITY
0.00
&SERVT19 NOT USED BUT KEEP IN PROFILE.MAS FOR MODEL STREAM
CONTINUITY

0.00
&SERVT20 NOT USED BUT KEEP IN PROFILE.MAS FOR MODEL STREAM
CONTINUITY
0.00
&MAXTIM
70
&ATITER NUMBER OF GMODEL ITERATIONS
10
&AOFAC1 AUTO OCC FOR HBW
0.7936
&AOFAC2 AUTO OCC FOR HBSH
0.5747
&AOFAC3 AUTO OCC FOR HBSR
0.5747
&AOFAC4 AUTO OCC FOR HBO
0.5747
&AOFAC5 AUTO OCC FOR NHB
0.5917
&UNCONNECT MAXIMUM TRANSIT TIME
255
&NUMFARE MAXIMUM NUMBER OF FARE CATEGORIES
8
&HOV SWITCH FOR HOV TYPE
TYPE1
&HOV1 IDENTIFIES HOV ONLY FACILITIES
HOV LINKS, LINK GROUP 2 = 80-89
&HOV2 IDENTIFIES NUMBER OF TRIP TABLES
SELECTED PURPOSES = 1-3
&HOV3 USED FOR REPORTING OF TRIP PURPOSES
ADD PURPOSES = 1-3
&HOV4 DELETED LINKS FOR HOV SKIMS
LINK GROUP 2 = 80-89
&HOV5 IDENTIFIES HOV ONLY FACILITIES
HOV1 LINKS, LINK GROUP 2 = 49
&HOV6 IDENTIFIES HOV ONLY FACILITIES
HOV2 LINKS, LINK GROUP 2 = 80-89
&PERIOD
24
&PLOTTER
HP7586
&PLOTPENS
8
&PLOTSIZE
30
&PAPER
NORMALD
&PLOTFAC
600
&DATA
DATA
&PLOTWIN
PLOTXY.STD
&PLOTWINA
PLOTXYA.STD
&PLOTWINB
PLOTXYB.STD
&PLOTWINC

PLOTXYC.STD
&PLOTWIND
PLOTXYD.STD
&PLOTWINE
PLOTXYE.STD
&PLOTWINF
PLOTXYF.STD
&PLOTWING
PLOTXYG.STD
&PLOTWINH
PLOTXYH.STD
&CHARHT
0.05
&NAMEB
SOUTH DADE (B)
&NAMEM
MIC/INTERCON (M)
&NAMEP
NORTH/BEACH CORR (P)
&NAMEQ
EAST/WEST CORRIDOR(Q)
&NAMER
DOWNTOWN MIAMI (R)
&NAMES
KENDALL/SOUTH CORR(S)
&NAMET
WEST CENTRAL AREA (T)
&NAMEU
NW/PALMETTO CORR (U)
&NAMEV
I95/NORTH CORRIDOR(V)
&NAMEZ
SUNPIKE/27TH AVE (Z)
&NAME1
SW (1)
&NAME2
NW (2)
&NAME3
NE (3)
&NAME4
SE (4)
&MAXUTIL
0.75
&QUEMAX
100
&QUELIM
4.9
&NUMFARE
9
&TOLLMF
TOLL FACILITIES MODEL
&MULTSQ
MULTIPLE SERVER QUEUES
&ACCUQT FLAG FOR USING TOLL FACILTIES MODEL
~ ACCUMULATE QUEUEING TIME
&GMTIME
TIME2

&CITYCODE
 MIA
 &TITLE
 2000 MTPM
 &MAXD Maximum sidewalk area around stations
 0.4
 &TERM Auto access terminal time (home end)
 2.0
 &DEF Default auto access time
 2.0
 &NOPT Usage check on second auto connector
 1
 &BACK Backtrack flag for auto connector
 1
 &AOC Auto operating costs
 9.5
 &OC3 Average 3+ auto occupancy
 3.20 3.20 3.20 3.20 Average park/ride auto occupancy
 &OCTA
 1.2 1.2 1.2
 &TASPD Average auto access speed
 26.0 26.0
 &MINRUN1 Minimum walk-to-local run time
 3.0
 &MINRUN2 Minimum walk-to-premium run time
 3.0
 &MINRUN3 Minimum auto-to-local run time
 30.0
 &MINRUN4 Minimum auto-to-premium run time
 6.0
 &INFL1 Transit fare inflation
 1.0
 &INFL2 Auto operating cost inflation
 1.0
 &INFL3 Parking cost inflation
 1.0
 &MSMIN Minimum mode split
 0.01 0.01 0.01
 &HOVUSE HOV usage flag
 3
 &HOVMIN HOV minimum time
 3.0
 &RAILAC Station walk access impedance flag
 0
 &VAL Validation summary flag
 0
 &KRFAC Kiss/ride additional impedance factor
 1.50
 &JITNEY Jitney flag (0=none, 1=base, 2=alt)
 1
 &VERS Model Version (1=standard FSUTMS, 2=Orlando 10 purposes)
 1
 &DEFMS Default Regional Mode Splits
 0.07770 0.02970 0.02970
 &DEFUPD Update Zonal Default Mode Splits (1=yes, 2=no)
 1
 &MAXTIM

```

70                                     TRI RAIL EXTERNAL ZONE
&TRIZONE
1467
&MAXTIME
120
&ROTANG
270
&PORTRAIT
0
&LANDSCAPE
0
&ROTANGW

&PLT
plt
&ASCII
YES
&DATABASE      Optional entry to enable database capability
NO
&DBCOOUT      When activated, writes database files for TASSIGN
   DBC OUTPUT, INET
&MINUROADFAC  Specifies minimum UROAD factor allowed (Optional)
0.50
&MAXUROADFAC  Specifies maximum UROAD factor allowed
1.00
&MINCONFAC    Specifies minimum CONFAC factor allowed
0.04
&MAXCONFAC    Specifies maximum CONFAC factor allowed
1.00
&MINBPRCOEFF  Specifies minimum BPR coefficient allowed
0.0
&MAXBPRCOEFF  Specifies maximum BPR coefficient allowed
1.00
&MINBPREXP    Specifies minimum BPR exponent allowed
1.00
&MAXBPREXP    Specifies maximum BPR exponent allowed
10.00
&EMISTABLES   Tables on HTTAB file for intrazonal emissions (default =
1)
1
&ASCII         Outputs file HRLDXY.ASC (similar to NETCARD output)
YES
&VFACTORS     Required entry. YES must start in column one
YES
&DATABASE      Optional entry to enable database capability
NO
&DBCOOUT      When activated, writes database files for TASSIGN
~ DBC OUTPUT, INET
&MINUROADFAC  Specifies minimum UROAD factor allowed (Optional)
0.50
&MAXUROADFAC  Specifies maximum UROAD factor allowed
1.00
&MINCONFAC    Specifies minimum CONFAC factor allowed
0.04
&MAXCONFAC    Specifies maximum CONFAC factor allowed
1.00
&MINBPRCOEFF  Specifies minimum BPR coefficient allowed

```

0.0
&MAXBPRCOEFF Specifies maximum BPR coefficient allowed
1.00
&MINBPREXP Specifies minimum BPR exponent allowed
1.00
&MAXBPREXP Specifies maximum BPR exponent allowed
10.00
&EMISTABLES Tables on HTTAB file for intrazonal emissions (default =
1)
1
&ASCII Outputs file HRLDXY.ASC (similar to NETCARD output)
YES
&MODELCAP
~ MODEL CAPACITY
&COLORS
1,2,3,4,5,6,7,8
&ACTC REPORT TRANSIT TRIPS=0 for CENTERS, 1 FOR TAZs
1
&KTHROW ACTIVITY CENTER TEMP FILES, 1=KEEP, 0=DELETE
1
&STDZ2 STANDARD FSUTMSZ2, 1=TRUE, 0=RTA
1
&SELZONE SELECTED TAZ
1500
&DTBZERO
7000

YEAR 2025 EMIS.OUT

FLORIDA STANDARD URBAN TRANSPORTATION MODELING STRUCTURE --
 EMISSION MODEL FOR MOBILE 6 -- PROGRAM DATE: 16JAN02
 - RUN TIME: 14:11:52 16DEC04

 * MOBILE6.2 (31-Oct-2002) *
 * Input file: MOBILE6.IN (file 1, run 1). *

*These factors are for Southeast Florida only!

M603 Comment:

User has disabled the calculation of REFUELING emissions.

* #
 * SPEED = EPA default speed distribution
 * File 1, Run 1, Scenario 1.
 * #
 M 48 Warning:
 there are no sales for vehicle class HDGV8b
 M 48 Warning:
 there are no sales for vehicle class LDDT12

Calendar Year: 2025
 Month: July
 Altitude: Low
 Minimum Temperature: 69.3 (F)
 Maximum Temperature: 91.2 (F)
 Absolute Humidity: 100. grains/lb
 Nominal Fuel RVP: 7.8 psi
 Weathered RVP: 7.5 psi
 Fuel Sulfur Content: 30. ppm

Exhaust I/M Program: No
 Evap I/M Program: No
 ATP Program: No
 Reformulated Gas: No

LDDT	Vehicle Type: HDDV	LDGV MC	LDGT12		LDGT34	LDGT	HDGV	LDDV
			All Veh	GVWR: -----				
-----	VMT Distribution:	0.2788 0.0022	0.4388 0.0876	0.1507 1.0000			0.0365 0.0003	

Composite Emission Factors (g/mi):							
Composite VOC :		0.323 0.154	0.249 2.21	0.374 0.384	0.565	0.423	0.294 0.050
Composite CO :		6.09 0.516	16.25 0.319	7.81 6.987	9.90	8.34	7.12 0.679
Composite NOX :		0.219 0.182	0.945 1.06	0.303 0.372	0.509	0.356	0.344 0.032

Year = 2025

Vehicle Type	VMT Distribution
LDGV	0.2788
LDGT12	0.4388
LDGT34	0.1507
LDGT	0.0000
HDGV	0.0365
LDDV	0.0003
LDGT	0.0022
HDDV	0.0876
MC	0.0051
All Veh	1.0000
Speeds:	1.0 65.0
VOC:	0.384 0.384
CO:	6.987 6.987
NOX:	0.372 0.372

INPUT CARD ECHO

INFO all reported values have been adjusted by EMISFAC = 0.9991

SCENARIO 1 MOBILE.TEM
 THE FOLLOWING IS A MATRIX WHICH ASSIGNS A SCENARIO TO EACH FT/AT COMBINATION
 AT=> 1 2 3 4 5

FT	1	2	3	4	5
1	1	1	1	1	1
2	1	1	1	1	1
3	1	1	1	1	1
4	1	1	1	1	1
5	1	1	1	1	1
6	1	1	1	1	1
7	1	1	1	1	1
8	1	1	1	1	1
9	1	1	1	1	1

INPUT COORDINATE SCALE(UNITS) FROM PROFILE.MAS IS 5280

INFO ALL REPORT VALUES ARE BEING ADJUSTED BY A FACTOR OF 0.9991

EMISSIONS IN GRAMS PER DAY

INFO all reported values have been adjusted by EMISFAC = 0.9991

- - - - -
 GEOGRAPHIC LOCATION NO 1

INFO all reported values have been adjusted by EMISFAC = 0.9991

FT	AT	VOC	CO	NOx
1	1	173487.	3156648.	168065.
1	2	44965.	818158.	43560.
1	3	2571533.	46789840.	2491171.

1	4	1840017.	33479698.	1782517.
1	5	118377.	2153904.	114678.
2	1	104816.	1907152.	101540.
2	2	6411.	116645.	6210.
2	3	4413165.	80298944.	4275256.
2	4	4076396.	74171256.	3949006.
2	5	258085.	4695934.	250020.
3	1	47957.	872587.	46458.
3	2	1157.	21051.	1121.
3	3	1243178.	22620036.	1204329.
3	4	624764.	11367771.	605240.
3	5	234936.	4274730.	227594.
4	1	50626.	921159.	49044.
4	2	4745.	86329.	4596.
4	3	1991424.	36234548.	1929193.
4	4	671896.	12225366.	650900.
4	5	274455.	4993790.	265878.
5	1	22432.	408165.	21731.
5	2	1783.	32440.	1727.
5	3	837340.	15235648.	811172.
5	4	525741.	9566034.	509311.
5	5	144927.	2637000.	140398.
6	1	149994.	2729192.	145307.
6	2	3946.	71800.	3823.
6	3	162468.	2956147.	157390.
6	4	240150.	4369608.	232646.
7	1	58820.	1070250.	56982.
7	2	16600.	302035.	16081.
7	3	405964.	7386637.	393277.
7	4	271462.	4939327.	262978.
7	5	25280.	459974.	24490.
8	3	388372.	7066546.	376235.
8	4	11836.	215361.	11466.
9	3	1836219.	33410562.	1778838.
9	4	241597.	4395940.	234047.
9	5	680954.	12390171.	659674.

GL TOTAL 24778284.450848448. 24003940.
 (TONS) 27.29 496.53 26.44

- - - - -
 GEOGRAPHIC LOCATION NO 2

INFO all reported values have been adjusted by EMISFAC = 0.9991

FT AT	VOC	CO	NOx
-------	-----	----	-----

GL TOTAL	0.	0.	0.
(TONS)	0.00	0.00	0.00

EMISSIONS IN GRAMS PER DAY

INFO all reported values have been adjusted by EMISFAC = 0.9991

- - - - -
GEOGRAPHIC LOCATION NO 3

INFO all reported values have been adjusted by EMISFAC = 0.9991

FT	AT	VOC	CO	NOx
2	4	27808.	505973.	26939.
3	3	7615.	138565.	7377.
3	5	162.	2943.	157.
4	4	1796.	32681.	1740.
6	3	6814.	123990.	6601.
7	3	310.	5643.	300.
7	4	5265.	95801.	5101.
8	3	3060.	55681.	2965.
GL TOTAL		52831.	961277.	51180.
(TONS)		0.06	1.06	0.06

EMISSIONS IN GRAMS PER DAY

INFO all reported values have been adjusted by EMISFAC = 0.9991

- - - - -
ALL GEOGRAPHIC LOCATIONS

FT	AT	VOC	CO	NOx
1	1	173487.	3156648.	168065.
1	2	44965.	818158.	43560.
1	3	2571533.	46789840.	2491171.
1	4	1840017.	33479698.	1782517.
1	5	118377.	2153904.	114678.
2	1	104816.	1907152.	101540.
2	2	6411.	116645.	6210.
2	3	4413165.	80298944.	4275256.
2	4	4104204.	74677248.	3975944.
2	5	258085.	4695934.	250020.
3	1	47957.	872587.	46458.
3	2	1157.	21051.	1121.
3	3	1250794.	22758602.	1211706.
3	4	624764.	11367771.	605240.
3	5	235098.	4277674.	227751.
4	1	50626.	921159.	49044.
4	2	4745.	86329.	4596.
4	3	1991424.	36234548.	1929193.
4	4	673692.	12258046.	652640.
4	5	274455.	4993790.	265878.
5	1	22432.	408165.	21731.
5	2	1783.	32440.	1727.
5	3	837340.	15235648.	811172.

5	4	525741.	9566034.	509311.
5	5	144927.	2637000.	140398.
6	1	149994.	2729192.	145307.
6	2	3946.	71800.	3823.
6	3	169282.	3080138.	163992.
6	4	240150.	4369608.	232646.
7	1	58820.	1070250.	56982.
7	2	16600.	302035.	16081.
7	3	406274.	7392280.	393578.
7	4	276727.	5035127.	268079.
7	5	25280.	459974.	24490.
8	3	391432.	7122226.	379200.
8	4	11836.	215361.	11466.
9	3	1836219.	33410562.	1778838.
9	4	241597.	4395940.	234047.
9	5	680954.	12390171.	659674.
SUM		24831120.	451809824.	24055122.
(TONS)		27.35	497.59	26.49

EMISSIONS IN GRAMS PER DAY

INFO all reported values have been adjusted by EMISFAC = 0.9991

FACILITY

	TYPE	VOC	CO	NOx
1	4748378.	86398176.	4599992.	
2	8886675.	161695856.	8608971.	
3	2159769.	39297692.	2092276.	
4	2994944.	54493868.	2901354.	
5	1532222.	27879222.	1484340.	
6	563372.	10250735.	545767.	
7	783701.	14259668.	759209.	
8	403268.	7337588.	390666.	
9	2758772.	50196708.	2672560.	
SUM	24831120.	451809824.	24055122.	
(TONS)	27.35	497.59	26.49	

AREA

	TYPE	VOC	CO	NOx
1	608132.	11065146.	589128.	
2	79606.	1448457.	77118.	
3	13867468.	252322816.	13434073.	
4	8538730.	155365024.	8271882.	
5	1737176.	31608454.	1682890.	
SUM	24831120.	451809824.	24055122.	
(TONS)	27.35	497.59	26.49	

NUMBER

LANES	VOC	CO	NOx
-------	-----	----	-----

1	5058826.	92046792.	4900740.
2	7551398.	137399936.	7315416.
3	7477813.	136061056.	7244137.
4	2764352.	50298240.	2677966.
5	1646712.	29962434.	1595253.
6	327147.	5952544.	316924.
7	4858.	88388.	4706.
SUM	24831120.	451809824.	24055122.
(TONS)	27.35	497.59	26.49

DAILY VEHICLE MILES

INFO all reported values have been adjusted by EMISFAC = 0.9991

- - - - -
DAILY VMT - GEOGRAPHIC LOCATION NO 1:

INFO all reported values have been adjusted by EMISFAC = 0.9991

FT	AREA TYPES					TOTAL
	1	2	3	4	5	
1	451789.	117097.	6696700.	4791712.	308273.	12365571.
2	272957.	16695.	11492611.	10615601.	672096.	23069960.
3	124887.	3013.	3237443.	1626988.	611812.	5604143.
4	131839.	12356.	5185996.	1749731.	714726.	7794648.
5	58418.	4643.	2180569.	1369116.	377415.	3990160.
6	390610.	10276.	423093.	625391.	0.	1449370.
7	153177.	43228.	1057197.	706931.	65833.	2026366.
8	0.	0.	1011385.	30823.	0.	1042208.
9	0.	0.	4781820.	629160.	1773318.	7184298.

GL TOTAL 1583678. 207307. 36066760. 22145466. 4523468. 64526676.

- - - - -
DAILY VMT - GEOGRAPHIC LOCATION NO 2:

INFO all reported values have been adjusted by EMISFAC = 0.9991

FT	AREA TYPES					TOTAL
	1	2	3	4	5	
1	0.	0.	0.	0.	0.	0.
2	0.	0.	0.	0.	0.	0.
3	0.	0.	0.	0.	0.	0.
4	0.	0.	0.	0.	0.	0.
5	0.	0.	0.	0.	0.	0.
6	0.	0.	0.	0.	0.	0.
7	0.	0.	0.	0.	0.	0.
8	0.	0.	0.	0.	0.	0.
9	0.	0.	0.	0.	0.	0.

GL TOTAL 0. 0. 0. 0. 0. 0.

DAILY VMT - GEOGRAPHIC LOCATION NO 3:

INFO all reported values have been adjusted by EMISFAC = 0.9991

FT	AREA TYPES					TOTAL
	1	2	3	4	5	
1	0.	0.	0.	0.	0.	0.
2	0.	0.	0.	72416.	0.	72416.
3	0.	0.	19832.	0.	421.	20253.
4	0.	0.	0.	4677.	0.	4677.
5	0.	0.	0.	0.	0.	0.
6	0.	0.	17746.	0.	0.	17746.
7	0.	0.	808.	13711.	0.	14519.
8	0.	0.	7969.	0.	0.	7969.
9	0.	0.	0.	0.	0.	0.
GL TOTAL	0.	0.	46355.	90805.	421.	137581.

DAILY VEHICLE MILES

INFO all reported values have been adjusted by EMISFAC = 0.9991

DAILY VMT - ALL GEOGRAPHIC LOCATIONS

FT	AREA TYPES					TOTAL
	1	2	3	4	5	
1	451789.	117097.	6696700.	4791712.	308273.	12365571.
2	272957.	16695.	11492611.	10688018.	672096.	23142376.
3	124887.	3013.	3257275.	1626988.	612233.	5624396.
4	131839.	12356.	5185996.	1754408.	714726.	7799326.
5	58418.	4643.	2180569.	1369116.	377415.	3990160.
6	390610.	10276.	440838.	625391.	0.	1467116.
7	153177.	43228.	1058004.	720643.	65833.	2040885.
8	0.	0.	1019354.	30823.	0.	1050178.
9	0.	0.	4781820.	629160.	1773318.	7184298.
TOTAL	1583678.	207307.	36113100.	22236272.	4523890.	64664244.

DAILY VMT

FACILITY
TYPE

1	12365574.
2	23142374.
3	5624398.
4	7799318.
5	3990164.
6	1467116.
7	2040885.
8	1050177.
9	7184300.

TOTAL 64664220.

DAILY VMT
AREA
TYPE

1	1583678.
2	207307.
3	36113100.
4	22236272.
5	4523890.

TOTAL 64664220.

DAILY VMT
NUMBER
LANES

1	13174040.
2	19665086.
3	19473488.
4	7198836.
5	4288312.
6	851946.
7	12650.

TOTAL 64664220.

DAILY VEHICLE HOURS

INFO all reported values have been adjusted by EMISFAC = 0.9991

DAILY VHT - GEOGRAPHIC LOCATION NO 1

INFO all reported values have been adjusted by EMISFAC = 0.9991

FT	AREA TYPES					TOTAL
	1	2	3	4	5	
1	16388.	3172.	375968.	192373.	69748.	657648.
2	22441.	597.	647516.	719819.	19378.	1409751.
3	8647.	136.	188692.	112772.	14628.	324875.
4	9372.	1248.	289794.	109346.	22723.	432482.
5	5801.	372.	130202.	89611.	9905.	235891.
6	32844.	806.	22187.	38568.	0.	94405.
7	11288.	1702.	73344.	42000.	2084.	130419.
8	0.	0.	29998.	733.	0.	30731.
9	0.	0.	204110.	16970.	41849.	262929.
GL TOTAL	106782.	8033.	1961820.	1322192.	180316.	3579143.

DAILY VHT - GEOGRAPHIC LOCATION NO 2

INFO all reported values have been adjusted by EMISFAC = 0.9991

FT	AREA TYPES					TOTAL
	1	2	3	4	5	
1	0.	0.	0.	0.	0.	0.
2	0.	0.	0.	0.	0.	0.
3	0.	0.	0.	0.	0.	0.
4	0.	0.	0.	0.	0.	0.
5	0.	0.	0.	0.	0.	0.
6	0.	0.	0.	0.	0.	0.
7	0.	0.	0.	0.	0.	0.
8	0.	0.	0.	0.	0.	0.
9	0.	0.	0.	0.	0.	0.
GL TOTAL	0.	0.	0.	0.	0.	0.

----- DAILY VHT - GEOGRAPHIC LOCATION NO 3 -----

INFO all reported values have been adjusted by EMISFAC = 0.9991

FT	AREA TYPES					TOTAL
	1	2	3	4	5	
1	0.	0.	0.	0.	0.	0.
2	0.	0.	0.	2769.	0.	2769.
3	0.	0.	631.	0.	9.	639.
4	0.	0.	0.	318.	0.	318.
5	0.	0.	0.	0.	0.	0.
6	0.	0.	510.	0.	0.	510.
7	0.	0.	40.	388.	0.	428.
8	0.	0.	133.	0.	0.	133.
9	0.	0.	0.	0.	0.	0.
GL TOTAL	0.	0.	1315.	3475.	9.	4798.

DAILY VEHICLE HOURS

INFO all reported values have been adjusted by EMISFAC = 0.9991

FT	AREA TYPES					TOTAL
	1	2	3	4	5	
1	16388.	3172.	375968.	192373.	69748.	657648.
2	22441.	597.	647516.	722588.	19378.	1412520.
3	8647.	136.	189323.	112772.	14637.	325514.
4	9372.	1248.	289794.	109663.	22723.	432800.
5	5801.	372.	130202.	89611.	9905.	235891.
6	32844.	806.	22697.	38568.	0.	94916.
7	11288.	1702.	73384.	42389.	2084.	130848.
8	0.	0.	30131.	733.	0.	30864.
9	0.	0.	204110.	16970.	41849.	262929.

TOTAL 106782. 8033. 1963135. 1325667. 180324. 3583941.

DAILY VHT

FACILITY

TYPE

1	657648.
2	1412522.
3	325515.
4	432800.
5	235891.
6	94915.
7	130848.
8	30864.
9	262929.

TOTAL 3583922.

DAILY VHT

AREA

TYPE

1	106782.
2	8033.
3	1963135.
4	1325667.
5	180324.

TOTAL 3583922.

DAILY VHT

NUMBER

LANES

1	847382.
2	1053467.
3	1045655.
4	466648.
5	115062.
6	37876.
7	17838.

TOTAL 3583922.

AVERAGE CONGESTED SPEED (mph)

INFO all reported values have been adjusted by EMISFAC = 0.9991

- - - - -
AVERAGE SPEED - GEOGRAPHIC LOCATION NO 1

INFO all reported values have been adjusted by EMISFAC = 0.9991

FT	----- AREA TYPES -----				
	1	2	3	4	5
1	27.57	36.92	17.81	24.91	4.42
2	12.16	27.99	17.75	14.75	34.68
3	14.44	22.14	17.16	14.43	41.82
4	14.07	9.90	17.90	16.00	31.45
5	10.07	12.50	16.75	15.28	38.10
6	11.89	12.74	19.07	16.22	0.00
7	13.57	25.39	14.41	16.83	31.58
8	0.00	0.00	33.72	42.05	0.00
9	0.00	0.00	23.43	37.07	42.37
GL TOTAL	14.83	25.81	18.38	16.75	25.09

- - - - -
AVERAGE SPEED - GEOGRAPHIC LOCATION NO 2

INFO all reported values have been adjusted by EMISFAC = 0.9991

FT	----- AREA TYPES -----				
	1	2	3	4	5
1	0.00	0.00	0.00	0.00	0.00
2	0.00	0.00	0.00	0.00	0.00
3	0.00	0.00	0.00	0.00	0.00
4	0.00	0.00	0.00	0.00	0.00
5	0.00	0.00	0.00	0.00	0.00
6	0.00	0.00	0.00	0.00	0.00
7	0.00	0.00	0.00	0.00	0.00
8	0.00	0.00	0.00	0.00	0.00
9	0.00	0.00	0.00	0.00	0.00
GL TOTAL	0.00	0.00	0.00	0.00	0.00

- - - - -
AVERAGE SPEED - GEOGRAPHIC LOCATION NO 3

INFO all reported values have been adjusted by EMISFAC = 0.9991

FT	----- AREA TYPES -----				
	1	2	3	4	5
1	0.00	0.00	0.00	0.00	0.00
2	0.00	0.00	0.00	26.15	0.00
3	0.00	0.00	31.44	0.00	48.00
4	0.00	0.00	0.00	14.72	0.00

5	0.00	0.00	0.00	0.00	0.00
6	0.00	0.00	34.77	0.00	0.00
7	0.00	0.00	20.00	35.34	0.00
8	0.00	0.00	59.81	0.00	0.00
9	0.00	0.00	0.00	0.00	0.00
GL TOTAL	0.00	0.00	35.26	26.13	48.00

AVERAGE CONGESTED SPEED (mph)

INFO all reported values have been adjusted by EMISFAC = 0.9991

AVERAGE SPEED - ALL GEOGRAPHIC LOCATIONS

FT	1	2	3	4	5
1	27.57	36.92	17.81	24.91	4.42
2	12.16	27.99	17.75	14.79	34.68
3	14.44	22.14	17.20	14.43	41.83
4	14.07	9.90	17.90	16.00	31.45
5	10.07	12.50	16.75	15.28	38.10
6	11.89	12.74	19.42	16.22	0.00
7	13.57	25.39	14.42	17.00	31.58
8	0.00	0.00	33.83	42.05	0.00
9	0.00	0.00	23.43	37.07	42.37
TOTAL	14.83	25.81	18.40	16.77	25.09

AVERAGE SPEED
FACILITY
TYPE

1	18.80
2	16.38
3	17.28
4	18.02
5	16.92
6	15.46
7	15.60
8	34.03
9	27.32
TOTAL	18.04

AVERAGE SPEED
AREA
TYPE

1	14.83
2	25.81
3	18.40
4	16.77
5	25.09

TOTAL 18.04

AVERAGE SPEED

NUMBER
LANES

1	15.55
2	18.67
3	18.62
4	15.43
5	37.27
6	22.49
7	0.71

TOTAL 18.04

YEAR 2025 HEVAL.OUT

FLORIDA D.O.T. miami
PAGE NO. 1
FSUTMS
DATE 14DEC04
VER 5.50
TIME 18:47:06

HIGHWAY ASSIGNMENT

"HELABELS.SYN" CONTENTS:

LABEL FT 11	1	1	FREWAY	FREWAY
LABEL FT 12	1	1		
LABEL FT 15	1	1		
LABEL FT 16	1	1		
LABEL FT 17	1	1		
LABEL FT 21	2	2	D. ART	DIV. ARTERIAL
LABEL FT 22	2	2		
LABEL FT 23	2	2		
LABEL FT 24	2	2		
LABEL FT 25	2	2		
LABEL FT 31	3	3	U. ART	UNDIV. ARTERIAL
LABEL FT 32	3	3		
LABEL FT 33	3	3		
LABEL FT 34	3	3		
LABEL FT 35	3	3		
LABEL FT 36	3	3		
LABEL FT 37	3	3		
LABEL FT 38	3	3		
LABEL FT 41	4	4	COLLCTR	COLLECTOR
LABEL FT 42	4	4		
LABEL FT 43	4	4		
LABEL FT 44	4	4		
LABEL FT 45	4	4		
LABEL FT 46	4	4		
LABEL FT 47	4	4		
LABEL FT 48	4	4		
LABEL FT 51	5	5	LOCAL	CENTROID CONN.
LABEL FT 52	5	5		
LABEL FT 61	6	6	1 WAY	ONE WAY
LABEL FT 62	6	6		
LABEL FT 63	6	6		
LABEL FT 64	6	6		
LABEL FT 65	6	6		
LABEL FT 66	6	6		
LABEL FT 67	6	6		
LABEL FT 68	6	6		
LABEL FT 71	7	7	RAMP	RAMPS
LABEL FT 72	7	7		
LABEL FT 73	7	7		
LABEL FT 74	7	7		
LABEL FT 75	7	7		
LABEL FT 76	7	7		
LABEL FT 77	7	7		
LABEL FT 78	7	7		
LABEL FT 79	7	7		
LABEL FT 81	8	8	HOV	HOV
LABEL FT 82	8	8		
LABEL FT 83	8	8		
LABEL FT 84	8	8		

"HELABELS.SYN" CONTENTS:

LABEL	FT	85	8	8	
LABEL	FT	86	8	8	
LABEL	FT	87	8	8	
LABEL	FT	88	8	8	
LABEL	FT	89	8	8	
LABEL	FT	91	9	9 TOLL	TOLL
LABEL	FT	92	9	9	
LABEL	FT	93	9	9	
LABEL	FT	94	9	9	
LABEL	FT	95	9	9	
LABEL	FT	96	9	9	
LABEL	FT	97	9	9	
LABEL	FT	98	9	9	
LABEL	FT	99	9	9	
LABEL	AT	11	1	1 CBD	CBD
LABEL	AT	12	1	1	
LABEL	AT	13	1	1	
LABEL	AT	14	1	1	
LABEL	AT	21	2	2 FRINGE	FRINGE
LABEL	AT	31	3	3 RESID.	RESIDENTIAL
LABEL	AT	32	3	3	
LABEL	AT	33	3	3	
LABEL	AT	34	3	3	
LABEL	AT	41	4	4 OBD	OBD
LABEL	AT	42	4	4	
LABEL	AT	43	4	4	
LABEL	AT	44	4	4	
LABEL	AT	51	5	5 RURAL	RURAL
LABEL	AT	52	5	5	

FACILITY TYPES SELECTED:

FACILITY TYPES SKIPPED:

1	2	3	4	5	6	7	8	9	10
11	12	13	14	15	16	17	18	19	20
21	22	23	24	25	26	27	28	29	30
31	32	33	34	35	36	37	38	39	40
41	42	43	44	45	46	47	48	49	50
51	52	53	54	55	56	57	58	59	60
61	62	63	64	65	66	67	68	69	70
71	72	73	74	75	76	77	78	79	80
81	82	83	84	85	86	87	88	89	90
91	92	93	94	95	96	97	98	99	

AREA TYPES SELECTED:

1	2	3	4	5	6	7	8	9	10
11	12	13	14	15	16	17	18	19	20
21	22	23	24	25	26	27	28	29	30
31	32	33	34	35	36	37	38	39	40
41	42	43	44	45	46	47	48	49	50
51	52	53	54	55	56	57	58	59	60
61	62	63	64	65	66	67	68	69	70
71	72	73	74	75	76	77	78	79	80
81	82	83	84	85	86	87	88	89	90
91	92	93	94	95	96	97	98	99	

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*****      *****      *****      *****      *****      *****      *****      *****      *****      *****      ***      *      *
*   *   *   *      *   *      *   *      *   *      *   *      *   *      *   *   *   *   *   *   *
*   *   ****      ***      *      ****      *      ****      *      *      *      *   *   *   *   *   *
*   *   *   *      *   *      *   *      *   *      *   *      *   *      *   *   *   *   *   *
****      ****      ****      ****      *   *      ****      *      *      ****      ***      ***      *   *
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HEVAL MODULE (D5520931.DRIVER.SETUP.FORT(HEVAL))

A GENERAL PURPOSE HIGHWAY EVALUATION PROGRAM DESIGNED TO PROVIDE THE TRANSPORTATION PLANNER WITH A TOOL TO EVALUATE A HIGHWAY ASSIGNMENT. THE PROGRAM OPERATES IN TWO MODES. ONE MODE ALLOWS THE USER TO PRINT A VARIETY OF REPORTS DESIGNED TO ASSIST IN THE TASK OF MODEL VALIDATION. THIS MODE IS REFERRED TO INTERNALLY AS VALIDATION AND IS SET BY THE USER WITH A STATEMENT - "VALIDATE=T" THE OTHER MODE IS AS AN ASSIGNMENT ANALYSIS TOOL. THIS MODE IS GENERALLY USED FOR ASSIGNMENTS TO FUTURE YEAR NETWORKS. THIS MODE IS SET BY THE USER WITH A STATEMENT "ANALYSIS=T".

INPUT DATA FOR THIS RUN:

USES HRLDXY FILE AS DATA SOURCE
RATES=1979 UROAD AND CUTS RATES

OUTPUT DATA SETS FOR THIS RUN:

PRINTOUT ONLY

DATE AND TIME OF THIS RUN:

14DEC04 (DDMMYY) 18:47:07 (HH.MM.SS)

TYPE OF RUN:

ANALYSIS

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***   ****   **** *   *   *   *   ****   *****   *****   ***   *   *   ***
*   *   *   *   *   *   *   ** *   *   *   *   *   *   *   *   *   *   *   *
*****   ***   ***   *   *   *   *   *   *   *   *   *   *   *   *   *   *   *
*   *   *   *   *   *   *   *   *   *   *   *   *   *   *   *   *   *   *   *
*   *   ****   ****   ***   *   *   *   *   *   *   *   *   *   *   *   *   *
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FACILITY AND AREA TYPES AS DEFINED IN THE HNET MODULE:

FACILITY TYPE 1 - FREEWAYS
 FACILITY TYPE 2 - EXPRESSWAYS AND DIVIDED ARTERIALS
 FACILITY TYPE 3 - UNDIVIDED ARTERIALS
 FACILITY TYPE 4 - COLLECTORS
 FACILITY TYPE 5 - LOCALS (CENTROID CONNECTORS) - NOT INCLUDED
 FACILITY TYPE 6 - ONE WAYS
 FACILITY TYPE 8 - HOV LINKS
 FACILITY TYPE 9 - TOLL RAMPS

AREA TYPE 1 - CBD
 AREA TYPE 2 - FRINGE
 AREA TYPE 3 - RESIDENTIAL
 AREA TYPE 4 - OBD
 AREA TYPE 5 - RURAL

LANE VALUES REPORTED ARE TRUE LANE VALUES.

THE FOLLOWING RATES ARE USED IN THE VARIOUS CALCULATIONS:

ACCIDENT RATES: FREEWAYS - 1.060 PER MILLION VEHICLE MILES
 ARTERIALS - 5.830 PER MILLION VEHICLE MILES
 LOCALS - 8.630 PER MILLION VEHICLE MILES

INJURY RATES : FREEWAYS - 0.730 PER MILLION VEHICLE MILES
 ARTERIALS - 3.850 PER MILLION VEHICLE MILES
 LOCALS - 3.490 PER MILLION VEHICLE MILES

FATALITY RATES: FREEWAYS - 0.009 PER MILLION VEHICLE MILES
 ARTERIALS - 0.019 PER MILLION VEHICLE MILES
 LOCALS - 0.018 PER MILLION VEHICLE MILES

***	****	***	*	*	*	*	***	*****	*****	***	*	*	***
*	*	*	*	*	*	*	**	*	*	*	*	*	*
****	***	***	*	*	*	*	***	*	*	*	*	*	**
*	*	*	*	*	*	*	*	*	*	*	*	*	*
*	*	*****	****	***	*	*	*	*	*****	***	*	*	***

CARBON MONOXIDE EMISSIONS (GRAMS PER VEHICLE MILE)

SPEED		FT 1	FT 2	FT 3	FT 4	FT 5	FT 6	FT 7
FT 8	FT 9							
3	LT 20	3	37.73	37.73	37.73	37.73	37.73	37.73
37.73	37.73	3						
3	20 - 25	3	27.77	27.77	27.77	27.77	27.77	27.77
27.77	27.77	3						
3	25 - 30	3	21.82	21.82	21.82	21.82	21.82	21.82
21.82	21.82	3						
3	30 - 35	3	17.72	17.72	17.72	17.72	17.72	17.72
17.72	17.72	3						
3	35 - 40	3	14.74	14.74	14.74	14.74	14.74	14.74
14.74	14.74	3						
3	40 - 45	3	12.49	12.49	12.49	12.49	12.49	12.49
12.49	12.49	3						
3	45 - 50	3	10.76	10.76	10.76	10.76	10.76	10.76
10.76	10.76	3						
3	50 - 55	3	10.64	10.64	10.64	10.64	10.64	10.64
10.64	10.64	3						
3	55 - 60	3	12.84	12.84	12.84	12.84	12.84	12.84
12.84	12.84	3						
3	GE 60	3	17.23	17.23	17.23	17.23	17.23	17.23
17.23	17.23	3						

HYDROCARBON EMISSIONS (GRAMS PER VEHICLE MILES)

³	40	-	45	³	1.05	1.05	1.05	1.05	1.05	1.05	1.05
1.05			1.05	³							
³	45	-	50	³	0.97	0.97	0.97	0.97	0.97	0.97	0.97
0.97			0.97	³							
³	50	-	55	³	0.95	0.95	0.95	0.95	0.95	0.95	0.95
0.95			0.95	³							
³	55	-	60	³	0.98	0.98	0.98	0.98	0.98	0.98	0.98
0.98			0.98	³							
³	GE	60	³	1.07	1.07	1.07	1.07	1.07	1.07	1.07	1.07
1.07		1.07	³								

OXIDES OF NITROGEN EMISSIONS (GRAMS PER VEHICLE MILE)

³	SPEED	³	FT	1	³	FT	2	³	FT	3	³	FT	4	³	FT	5	³	FT	6	³	FT	7	³	
FT	8	³	FT	9	³																			
³		³			³			³			³			³			³			³			³	
³		³			³			³			³			³			³			³			³	
³	LT	20	³	1.99		1.99		1.99		1.99		1.99		1.99		1.99		1.99		1.99		1.99		1.99
1.99		1.99	³																					
³	20	-	25	³	1.89		1.89		1.89		1.89		1.89		1.89		1.89		1.89		1.89		1.89	
1.89		1.89	³																					
³	25	-	30	³	1.88		1.88		1.88		1.88		1.88		1.88		1.88		1.88		1.88		1.88	
1.88		1.88	³																					
³	30	-	35	³	1.89		1.89		1.89		1.89		1.89		1.89		1.89		1.89		1.89		1.89	
1.89		1.89	³																					
³	35	-	40	³	1.91		1.91		1.91		1.91		1.91		1.91		1.91		1.91		1.91		1.91	
1.91		1.91	³																					
³	40	-	45	³	1.94		1.94		1.94		1.94		1.94		1.94		1.94		1.94		1.94		1.94	
1.94		1.94	³																					
³	45	-	50	³	1.99		1.99		1.99		1.99		1.99		1.99		1.99		1.99		1.99		1.99	
1.99		1.99	³																					
³	50	-	55	³	2.25		2.25		2.25		2.25		2.25		2.25		2.25		2.25		2.25		2.25	
2.25		2.25	³																					
³	55	-	60	³	2.56		2.56		2.56		2.56		2.56		2.56		2.56		2.56		2.56		2.56	
2.56		2.56	³																					
³	GE	60	³	2.92		2.92		2.92		2.92		2.92		2.92		2.92		2.92		2.92		2.92		2.92
2.92		2.92	³																					

FUEL USE (GALLONS PER MILE)

EVAL USES CONSTRUCTION CODES TO CALCULATE NEW AND IMPROVED LANE MILES AND CONSTRUCTION COSTS. THE CODE DEFINITIONS ARE:

CODE

- 1 - ADD 2 LANES, FT REMAINS SAME (ONE WAY - ADD 1 LANE)
 - 2 - ADD 4 LANES, FT REMAINS SAME (ONE WAY - ADD 2 LANES)
 - 3 - ADD 6 LANES, FT REMAINS SAME (ONE WAY - ADD 3 LANES)
 - 4 - ADD 2 LANES, UPGRADE FT BY 1
 - 5 - ADD 2 LANES, UPGRADE FT BY 2
 - 6 - ADD 4 LANES, UPGRADE FT BY 1
 - 7 - NEW CONSTRUCTION - 2 LANES (ONE WAY - 1 LANE)
 - 8 - NEW CONSTRUCTION - 4 LANES (ONE WAY - 2 LANES)
 - 9 - NEW CONSTRUCTION - 6 LANES (ONE WAY - 3 LANES)
 - 0 - NO NEW CONSTRUCTION

CONSTRUCTION COST : THOUSAND DOLLARS PER MILE

		FT 3	FT 3	FT 1	FT 3	FT 2	FT 3	FT 3	FT 4	FT 3	FT 5	FT 3	FT 6	FT 3	FT 7	FT 3
FT 8	FT 3	FT 9	FT 3	CODE	3	3	3	3	3	3	3	3	3	3	3	3
1901.00	1901.00	1901.00	3	1	3	1901.00	1478.00	1267.00	1267.00	0.00	1267.00	1267.00				
2628.00	2628.00	2628.00	3	2	3	2628.00	2464.00	2217.00	2217.00	0.00	2217.00	2217.00				
2713.00	2713.00	2713.00	3	3	3	2713.00	2851.00	2534.00	2534.00	0.00	2534.00	2534.00				
0.00	0.00	0.00	3	4	3	0.00	1478.00	1267.00	1267.00	0.00	1267.00	1267.00				
0.00	0.00	0.00	3	5	3	0.00	0.00	1267.00	1267.00	0.00	1267.00	1267.00				
0.00	0.00	0.00	3	6	3	0.00	2464.00	2217.00	2217.00	0.00	2217.00	2217.00				
0.00	0.00	0.00	3	7	3	0.00	1267.00	1267.00	1267.00	0.00	1267.00	1267.00				
2059.00	2059.00	2059.00	3	8	3	2059.00	2112.00	1760.00	1760.00	0.00	1760.00	1760.00				
2628.00	2628.00	2628.00	3	9	3	2628.00	2464.00	2218.00	2218.00	0.00	2218.00	2218.00				

HIGHWAY EVALUATION -- YEAR/ALT (c25) -- REPORT: TOTAL SYSTEM MILES

	CBD	FRINGE	RESID.	OBD	RURAL	Total
FREEWAY	6.14	1.68	92.72	56.07	2.03	158.64
D. ART	6.45	0.47	286.67	218.48	25.19	537.26
U. ART	5.94	0.20	156.14	50.63	57.56	270.47
COLLCTR	7.40	0.85	363.42	85.65	139.06	596.38
1 WAY	23.28	1.18	24.40	34.36	0.00	83.22
RAMP	7.00	1.89	60.13	38.22	3.25	110.49
HOV	0.00	0.00	63.81	3.28	0.00	67.09
TOLL	0.00	0.00	111.24	17.74	38.66	167.64
Totals	56.21	6.27	1158.53	504.43	265.75	1991.19

HIGHWAY EVALUATION -- YEAR/ALT (c25) -- REPORT: TOTAL LANE MILES

	CBD	FRINGE	RESID.	OBD	RURAL	Total
FREEWAY	21.36	5.72	329.20	209.26	10.40	575.94
D. ART	28.29	2.32	1314.53	1083.67	102.48	2531.29
U. ART	17.31	0.40	397.82	177.97	162.92	756.42
COLLCTR	20.89	1.70	933.97	262.28	307.38	1526.22
1 WAY	52.35	2.53	59.65	87.52	0.00	202.05
RAMP	10.27	3.06	88.20	56.02	6.38	163.93
HOV	0.00	0.00	81.06	3.28	0.00	84.34
TOLL	0.00	0.00	345.37	39.96	143.49	528.82
Totals	150.47	15.73	3549.80	1919.96	733.05	6369.01

HIGHWAY EVALUATION -- YEAR/ALT (c25) -- REPORT: TOTAL DIRECTIONAL SYSTEM MILES

	CBD	FRINGE	RESID.	OBD	RURAL	Total
FREEWAY	6.14	1.68	97.13	56.07	2.60	163.62
D. ART	12.90	0.94	573.34	436.96	50.38	1074.52
U. ART	11.86	0.40	312.28	101.26	115.04	540.84
COLLCTR	14.80	1.70	726.84	170.91	278.12	1192.37
1 WAY	23.28	1.18	24.40	34.36	0.00	83.22
RAMP	7.00	1.89	61.85	38.48	3.25	112.47
HOV	0.00	0.00	63.81	3.28	0.00	67.09
TOLL	0.00	0.00	111.65	17.74	38.66	168.05
Totals	75.98	7.79	1971.30	859.06	488.05	3402.18

HIGHWAY EVALUATION -- YEAR/ALT (c25) -- REPORT: AVERAGE LINK LENGTH USING SYSTEM MILES

	CBD	FRINGE	RESID.	OBD	RURAL	Total
FREEWAY	0.16	0.13	0.31	0.31	0.41	0.30
D. ART	0.11	0.09	0.25	0.20	0.42	0.22
U. ART	0.10	0.10	0.27	0.20	0.69	0.28
COLLCTR	0.09	0.08	0.26	0.21	0.48	0.27
1 WAY	0.08	0.07	0.22	0.22	0.00	0.14
RAMP	0.10	0.09	0.12	0.09	0.11	0.11
HOV	0.00	0.00	0.19	0.15	0.00	0.19
TOLL	0.00	0.00	0.23	0.24	0.45	0.26
Totals	0.09	0.09	0.24	0.19	0.48	0.23

HIGHWAY EVALUATION -- YEAR/ALT (c25) -- REPORT: TOTAL VMT USING VOLUMES ON LINKS WITH CAPACITIES

	CBD	FRINGE	RESID.	OBD	RURAL	Total
FREEWAY	452205	117205	6702867	4796125	308557	12376959
D. ART	273209	16710	11503193	10697867	672715	23163694
U. ART	125002	3016	3260275	1628487	612797	5629577
COLLCTR	131960	12367	5190779	1756023	715384	7806514
1 WAY	390970	10286	441244	625967	0	1468467
RAMP	153318	43268	1058979	721306	65893	2042765
HOV	0	0	1020293	30852	0	1051145
TOLL	0	0	4786224	629739	1774951	7190914
Totals	1526664	202851	33963852	20886366	4150297	60730032

HIGHWAY EVALUATION -- YEAR/ALT (c25) -- REPORT: TOTAL VMT USING CAPACITY

	CBD	FRINGE	RESID.	OBD	RURAL	Total
FREEWAY	412177	110536	6138788	3917645	188443	10767588
D. ART	232592	20539	11695319	9276511	1305472	22530432
U. ART	130011	2574	2984187	1370558	2068491	6555822
COLLCTR	124403	9817	5569331	1610147	1937245	9250942
1 WAY	435010	20371	532851	702977	0	1691209
RAMP	159426	47103	1339631	857680	78640	2482480
HOV	0	0	1551092	62814	0	1613906
TOLL	0	0	6339742	740464	2594574	9674780
Totals	1493620	210940	36150940	18538796	8172865	64567156

HIGHWAY EVALUATION -- YEAR/ALT (c25) -- REPORT: RATIO OF VOLUME OVER CAPACITY VMT

	CBD	FRINGE	RESID.	OBD	RURAL	Total
FREEWAY	1.10	1.06	1.09	1.22	1.64	1.15
D. ART	1.17	0.81	0.98	1.15	0.52	1.03
U. ART	0.96	1.17	1.09	1.19	0.30	0.86
COLLCTR	1.06	1.26	0.93	1.09	0.37	0.84
1 WAY	0.90	0.50	0.83	0.89	0.00	0.87
RAMP	0.96	0.92	0.79	0.84	0.84	0.82
HOV	0.00	0.00	0.66	0.49	0.00	0.65
TOLL	0.00	0.00	0.75	0.85	0.68	0.74
Totals	1.02	0.96	0.94	1.13	0.51	0.94

HIGHWAY EVALUATION -- YEAR/ALT (c25) -- REPORT: TOTAL VHT USING VOLUMES ON
LINKS WITH CAPACITIES

	CBD	FRINGE	RESID.	OBD	RURAL	Total
FREEWAY	16403	3175	376316	192550	69812	658257
D. ART	22462	597	648115	723256	19396	1413826
U. ART	8655	136	189498	112876	14650	325816
COLLCTR	9381	1249	290062	109765	22744	433200
1 WAY	32875	807	22718	38603	0	95003
RAMP	11299	1704	73452	42428	2086	130969
HOV	0	0	30159	734	0	30893
TOLL	0	0	204299	16986	41888	263173
Totals	101074	7668	1834618	1237198	170577	3351136

HIGHWAY EVALUATION -- YEAR/ALT (c25) -- REPORT: TOTAL VHT USING CAPACITIES

	CBD	FRINGE	RESID.	OBD	RURAL	Total
FREEWAY	13745	2887	268706	144308	36807	466452
D. ART	17403	669	569447	553768	30649	1171936
U. ART	8216	116	149986	79179	45601	283098
COLLCTR	7964	827	254400	85172	53113	401476
1 WAY	34298	1188	24456	38105	0	98047
RAMP	8794	1690	64727	39834	1999	117043
HOV	0	0	40081	1240	0	41321
TOLL	0	0	297484	19571	79782	396837
Totals	90419	7376	1669287	961177	247950	2976209

HIGHWAY EVALUATION -- YEAR/ALT (c25) -- REPORT: RATIO OF VOLUME OVER CAPACITY
VHT

	CBD	FRINGE	RESID.	OBD	RURAL	Total
FREEWAY	1.19	1.10	1.40	1.33	1.90	1.41
D. ART	1.29	0.89	1.14	1.31	0.63	1.21
U. ART	1.05	1.18	1.26	1.43	0.32	1.15
COLLCTR	1.18	1.51	1.14	1.29	0.43	1.08
1 WAY	0.96	0.68	0.93	1.01	0.00	0.97
RAMP	1.28	1.01	1.13	1.07	1.04	1.12
HOV	0.00	0.00	0.75	0.59	0.00	0.75
TOLL	0.00	0.00	0.69	0.87	0.53	0.66
Totals	1.12	1.04	1.10	1.29	0.69	1.13

HIGHWAY EVALUATION -- YEAR/ALT (c25) -- REPORT: TOTAL VOLUME ON ALL LINKS WITH CAPACITIES

	CBD	FRINGE	RESID.	OBD	RURAL	Total
FREEWAY	2952419	945456	20579572	14986889	735613	40199948
D. ART	2637353	180940	47764544	56373276	1579837108535952	
U. ART	1263640	30170	12800857	8531366	1073572	23699606
COLLCTR	1526342	163466	20981442	8225573	1872878	32769704
1 WAY	4762618	154432	1914810	3026174	0	9858034
RAMP	1422806	425115	8129230	6767267	449234	17193652
HOV	0	0	3742140	155094	0	3897234
TOLL	0	0	14698154	2129420	3133524	19961098
Totals	14565178	1899579130610744100195056		8844658256115232		

HIGHWAY EVALUATION -- YEAR/ALT (c25) -- REPORT: TOTAL CAPACITIES

	CBD	FRINGE	RESID.	OBD	RURAL	Total
FREEWAY	2643991	850477	19450564	12410507	434868	35790408
D. ART	2249046	211696	46976264	47455128	3124736100016872	
U. ART	1313236	25740	11223095	6935072	2555924	22053068
COLLCTR	1329649	127328	21931164	7543620	4305834	35237596
1 WAY	5810486	283316	2378181	3133106	0	11605089
RAMP	1486527	439240	10194145	8551180	702582	21373674
HOV	0	0	6933923	418473	0	7352396
TOLL	0	0	20465662	2498449	5100603	28064716
Totals	14832935	1937797139552992	88945536	16224547261493824		

HIGHWAY EVALUATION -- YEAR/ALT (c25) -- REPORT: RATIO OF VOLUME OVER CAPACITY

	CBD	FRINGE	RESID.	OBD	RURAL	Total
FREEWAY	1.12	1.11	1.06	1.21	1.69	1.12
D. ART	1.17	0.85	1.02	1.19	0.51	1.09
U. ART	0.96	1.17	1.14	1.23	0.42	1.07
COLLCTR	1.15	1.28	0.96	1.09	0.43	0.93
1 WAY	0.82	0.55	0.81	0.97	0.00	0.85
RAMP	0.96	0.97	0.80	0.79	0.64	0.80
HOV	0.00	0.00	0.54	0.37	0.00	0.53
TOLL	0.00	0.00	0.72	0.85	0.61	0.71
Totals	0.98	0.98	0.94	1.13	0.55	0.98

HIGHWAY EVALUATION -- YEAR/ALT (c25) -- REPORT: TOTAL VOLUME ON ALL LINKS

	CBD	FRINGE	RESID.	OBD	RURAL	Total
FREEWAY	2952419	945456	20579572	14986889	735613	40199948
D. ART	2637353	180940	47764544	56373276	1579837108535952	
U. ART	1263640	30170	12800857	8531366	1073572	23699606
COLLCTR	1526342	163466	20981442	8225573	1872878	32769704
1 WAY	4762618	154432	1914810	3026174	0	9858034
RAMP	1422806	425115	8129230	6767267	449234	17193652
HOV	0	0	3742140	155094	0	3897234
TOLL	0	0	14698154	2129420	3133524	19961098
Totals	14565178	1899579130610744100195056				8844658256115232

HIGHWAY EVALUATION -- YEAR/ALT (c25) -- REPORT: VOLUME PERCENTAGES ON ALL LINKS

	CBD	FRINGE	RESID.	OBD	RURAL	Total
FREEWAY	1.15	0.37	8.04	5.85	0.29	15.70
D. ART	1.03	0.07	18.65	22.01	0.62	42.38
U. ART	0.49	0.01	5.00	3.33	0.42	9.25
COLLCTR	0.60	0.06	8.19	3.21	0.73	12.79
1 WAY	1.86	0.06	0.75	1.18	0.00	3.85
RAMP	0.56	0.17	3.17	2.64	0.18	6.71
HOV	0.00	0.00	1.46	0.06	0.00	1.52
TOLL	0.00	0.00	5.74	0.83	1.22	7.79
Totals	5.69	0.74	51.00	39.12	3.45	100.00

HIGHWAY EVALUATION -- YEAR/ALT (c25) -- REPORT: AVERAGE TOTAL VOLUMES ON ALL LINKS

	CBD	FRINGE	RESID.	OBD	RURAL	Total
FREEWAY	77695	72727	69761	83726	147123	75849
D. ART	43235	36188	41035	50650	26331	45167
U. ART	20381	15085	21995	33721	12781	24109
COLLCTR	18844	14861	14965	20310	6481	14977
1 WAY	15982	9652	17407	19524	0	17026
RAMP	19761	21256	16129	16307	14974	16516
HOV	0	0	11409	7050	0	11135
TOLL	0	0	30305	28392	36865	30947
Totals	23799	28352	26819	38286	15994	29374

HIGHWAY EVALUATION -- YEAR/ALT (c25) -- REPORT: ORIGINAL SPEEDS (MPH)

	CBD	FRINGE	RESID.	OBD	RURAL	Total
FREEWAY	47.41	50.15	49.99	54.70	64.73	51.60
D. ART	30.81	40.29	34.37	35.52	47.81	35.25
U. ART	21.12	29.27	28.58	27.97	45.60	30.65
COLLCTR	21.41	21.79	29.73	27.97	38.72	30.96
1 WAY	21.84	22.91	32.89	34.37	0.00	29.10
RAMP	39.29	37.06	36.20	35.56	55.24	36.53
HOV	0.00	0.00	60.62	68.81	0.00	60.97
TOLL	0.00	0.00	43.80	46.52	59.66	47.03
Totals	24.95	31.04	32.82	33.59	42.41	33.87

HIGHWAY EVALUATION -- YEAR/ALT (c25) -- REPORT: CONGESTED SPEEDS (MPH)

	CBD	FRINGE	RESID.	OBD	RURAL	Total
FREEWAY	31.46	38.04	23.69	27.28	5.12	23.71
D. ART	13.15	29.07	20.07	16.43	39.50	18.70
U. ART	15.20	22.22	18.78	16.84	43.94	20.76
COLLCTR	15.69	11.86	20.75	18.03	36.56	22.41
1 WAY	13.07	14.27	19.74	18.53	0.00	16.79
RAMP	15.91	26.81	19.21	18.68	36.11	19.12
HOV	0.00	0.00	37.71	50.72	0.00	38.18
TOLL	0.00	0.00	17.79	33.66	38.31	21.59
Totals	14.83	19.92	20.38	17.66	37.23	20.75

HIGHWAY EVALUATION -- YEAR/ALT (c25) -- REPORT: PERCENT CHANGE IN SPEED

	CBD	FRINGE	RESID.	OBD	RURAL	Total
FREEWAY	-33.65	-24.15	-52.61	-50.13	-92.09	-54.06
D. ART	-57.34	-27.84	-41.60	-53.75	-17.39	-46.95
U. ART	-28.01	-24.07	-34.29	-39.77	-3.63	-32.28
COLLCTR	-26.71	-45.58	-30.20	-35.54	-5.57	-27.61
1 WAY	-40.16	-37.70	-39.99	-46.09	0.00	-42.30
RAMP	-59.51	-27.66	-46.95	-47.48	-34.63	-47.65
HOV	0.00	0.00	-37.80	-26.29	0.00	-37.37
TOLL	0.00	0.00	-59.39	-27.64	-35.79	-54.09
Totals	-40.54	-35.81	-37.89	-47.45	-12.21	-38.75

HIGHWAY EVALUATION -- YEAR/ALT (c25) -- REPORT: TOTAL VMT USING LINK VOLUMES
(FSUTMS.V54+)

	CBD	FRINGE	RESID.	OBD	RURAL	Total
FREEWAY	452205	117205	6702867	4796125	308557	12376959
D. ART	273209	16710	11503193	10697867	672715	23163694
U. ART	125002	3016	3260275	1628487	612797	5629577
COLLCTR	131960	12367	5190779	1756023	715384	7806514
1 WAY	390970	10286	441244	625967	0	1468467
RAMP	153318	43268	1058979	721306	65893	2042765
HOV	0	0	1020293	30852	0	1051145
TOLL	0	0	4696151	629645	1771637	7097433
Totals	1526664	202851	33873780	20886270	4146983	60636552

HIGHWAY EVALUATION -- YEAR/ALT (c25) -- REPORT: TOTAL VHT (FREE-FLOW TIME)
USING LINK VOLUMES (FSUTMS.V54+)

	CBD	FRINGE	RESID.	OBD	RURAL	Total
FREEWAY	9546	2335	134091	87640	4769	238382
D. ART	8853	416	334901	301741	13751	659663
U. ART	5830	103	113287	57279	13691	190189
COLLCTR	5981	569	169800	60784	18675	255810
1 WAY	17619	439	13259	18475	0	49792
RAMP	3763	1130	27515	18850	1098	52357
HOV	0	0	16803	436	0	17239
TOLL	0	0	104958	13083	29268	147309
Totals	51592	4992	914614	558289	81252	1610740

HIGHWAY EVALUATION -- YEAR/ALT (c25) -- REPORT: TOTAL VHT (CONGESTED TIME)
USING LINK VOLUMES (FSUTMS.V54+)

	CBD	FRINGE	RESID.	OBD	RURAL	Total
FREEWAY	16403	3175	376316	192550	69812	658257
D. ART	22462	597	648115	723256	19396	1413826
U. ART	8655	136	189498	112876	14650	325816
COLLCTR	9381	1249	290062	109765	22744	433200
1 WAY	32875	807	22718	38603	0	95003
RAMP	11299	1704	73452	42428	2086	130969
HOV	0	0	30159	734	0	30893
TOLL	0	0	204299	16986	41888	263173
Totals	101074	7668	1834618	1237198	170577	3351136

HIGHWAY EVALUATION -- YEAR/ALT (c25) -- REPORT: SPEEDS (FREE-FLOW TIME) USING
LINK VOLUMES (FSUTMS.V54+)

	CBD	FRINGE	RESID.	OBD	RURAL	Total
FREEWAY	47.37	50.19	49.99	54.72	64.70	51.92
D. ART	30.86	40.16	34.35	35.45	48.92	35.11
U. ART	21.44	29.27	28.78	28.43	44.76	29.60
COLLCTR	22.06	21.75	30.57	28.89	38.31	30.52
1 WAY	22.19	23.42	33.28	33.88	0.00	29.49
RAMP	40.74	38.30	38.49	38.27	60.00	39.02
HOV	0.00	0.00	60.72	70.70	0.00	60.97
TOLL	0.00	0.00	44.74	48.13	60.53	48.18
Totals	29.59	40.63	37.04	37.41	51.04	37.65

HIGHWAY EVALUATION -- YEAR/ALT (c25) -- REPORT: SPEEDS (CONGESTED TIME) USING
LINK VOLUMES (FSUTMS.V54+)

	CBD	FRINGE	RESID.	OBD	RURAL	Total
FREEWAY	27.57	36.92	17.81	24.91	4.42	18.80
D. ART	12.16	27.99	17.75	14.79	34.68	16.38
U. ART	14.44	22.14	17.20	14.43	41.83	17.28
COLLCTR	14.07	9.90	17.90	16.00	31.45	18.02
1 WAY	11.89	12.74	19.42	16.22	0.00	15.46
RAMP	13.57	25.39	14.42	17.00	31.58	15.60
HOV	0.00	0.00	33.83	42.05	0.00	34.03
TOLL	0.00	0.00	22.99	37.07	42.29	26.97
Totals	15.10	26.45	18.46	16.88	24.31	18.09

HIGHWAY EVALUATION -- YEAR/ALT (c25) -- REPORT: PERCENT CHANGE IN SPEED USING
LINK VOLUMES (FSUTMS.V54+)

	CBD	FRINGE	RESID.	OBD	RURAL	Total
FREEWAY	-41.80	-26.44	-64.37	-54.48	-93.17	-63.79
D. ART	-60.59	-30.31	-48.33	-58.28	-29.10	-53.34
U. ART	-32.64	-24.36	-40.22	-49.26	-6.55	-41.63
COLLCTR	-36.24	-54.47	-41.46	-44.62	-17.89	-40.95
1 WAY	-46.41	-45.59	-41.64	-52.14	0.00	-47.59
RAMP	-66.69	-33.69	-62.54	-55.57	-47.36	-60.02
HOV	0.00	0.00	-44.29	-40.52	0.00	-44.20
TOLL	0.00	0.00	-48.63	-22.98	-30.13	-44.03
Totals	-48.96	-34.90	-50.15	-54.87	-52.37	-51.93

HIGHWAY EVALUATION -- YEAR/ALT (c25) -- REPORT: TOTAL ACCIDENT OCCURENCES

	CBD	FRINGE	RESID.	OBD	RURAL	Total
FREEWAY	0.48	0.12	7.11	5.08	0.33	13.12
D. ART	1.59	0.10	67.06	62.37	3.92	135.04
U. ART	0.72	0.02	18.71	9.35	3.52	32.31
COLLCTR	0.70	0.07	27.46	9.29	3.78	41.30
1 WAY	2.24	0.06	2.53	3.59	0.00	8.43
RAMP	0.88	0.25	6.08	4.14	0.38	11.73
HOV	0.00	0.00	1.08	0.03	0.00	1.11
TOLL	0.00	0.00	5.07	0.67	1.88	7.62
Totals	6.61	0.61	135.11	94.52	13.81	250.67

HIGHWAY EVALUATION -- YEAR/ALT (c25) -- REPORT: TOTAL INJURY OCCURENCES

	CBD	FRINGE	RESID.	OBD	RURAL	Total
FREEWAY	0.33	0.09	4.89	3.50	0.23	9.04
D. ART	1.05	0.06	44.29	41.19	2.59	89.18
U. ART	0.44	0.01	11.48	5.73	2.16	19.82
COLLCTR	0.41	0.04	16.20	5.48	2.23	24.36
1 WAY	1.38	0.04	1.55	2.20	0.00	5.17
RAMP	0.54	0.15	3.73	2.54	0.23	7.19
HOV	0.00	0.00	0.74	0.02	0.00	0.77
TOLL	0.00	0.00	3.49	0.46	1.30	5.25
Totals	4.15	0.39	86.37	61.12	8.73	160.76

HIGHWAY EVALUATION -- YEAR/ALT (c25) -- REPORT: TOTAL FATALITY OCCURENCES

	CBD	FRINGE	RESID.	OBD	RURAL	Total
FREEWAY	0.00	0.00	0.06	0.04	0.00	0.11
D. ART	0.01	0.00	0.22	0.20	0.01	0.44
U. ART	0.00	0.00	0.06	0.03	0.01	0.11
COLLCTR	0.00	0.00	0.09	0.03	0.01	0.13
1 WAY	0.01	0.00	0.01	0.01	0.00	0.03
RAMP	0.00	0.00	0.02	0.01	0.00	0.04
HOV	0.00	0.00	0.01	0.00	0.00	0.01
TOLL	0.00	0.00	0.04	0.01	0.02	0.06
Totals	0.02	0.00	0.51	0.34	0.06	0.93

HIGHWAY EVALUATION -- YEAR/ALT (c25) -- REPORT: TOTAL EMISSIONS OF CARBON MONOXIDE (KILOGRAMS)

	CBD	FRINGE	RESID.	OBD	RURAL	Total
FREEWAY	9184	1790	140485	103098	9305	263862
D. ART	9523	353	332929	344358	9620	696782
U. ART	4548	84	101581	54846	8022	169082
COLLCTR	4833	461	148617	55337	11839	221088
1 WAY	13939	348	11822	18698	0	44808
RAMP	4205	939	27872	18783	1228	53027
HOV	0	0	18470	561	0	19031
TOLL	0	0	67940	9098	29095	106133
Totals	46233	3974	849717	604780	69108	1573812

HIGHWAY EVALUATION -- YEAR/ALT (c25) -- REPORT: TOTAL EMISSIONS OF HYDROCARBONS (KILOGRAMS)

	CBD	FRINGE	RESID.	OBD	RURAL	Total
FREEWAY	639	138	9775	7079	594	18225
D. ART	585	24	21072	21417	761	43859
U. ART	278	5	6348	3384	660	10675
COLLCTR	295	28	9428	3447	887	14085
1 WAY	854	22	768	1182	0	2826
RAMP	272	64	1816	1225	85	3463
HOV	0	0	1304	38	0	1341
TOLL	0	0	5414	717	1900	8031
Totals	2924	281	55926	38489	4886	102507

HIGHWAY EVALUATION -- YEAR/ALT (c25) -- REPORT: TOTAL EMISSIONS OF OXIDES OF NITROGEN (KILOGRAMS)

	CBD	FRINGE	RESID.	OBD	RURAL	Total
FREEWAY	873	227	13086	9394	620	24201
D. ART	536	32	22159	20839	1419	44986
U. ART	247	6	6323	3185	1210	10971
COLLCTR	261	25	9986	3406	1362	15040
1 WAY	771	20	854	1215	0	2860
RAMP	301	82	2059	1423	141	4005
HOV	0	0	2197	73	0	2270
TOLL	0	0	9323	1229	4939	15491
Totals	2989	392	65987	40764	9690	119823

HIGHWAY EVALUATION -- YEAR/ALT (c25) -- REPORT: TOTAL FUEL USE (GALS)

	CBD	FRINGE	RESID.	OBD	RURAL	Total
FREEWAY	28299	7335	419465	300142	19309	774550
D. ART	17097	1046	719870	669473	42098	1449585
U. ART	7823	189	204028	101911	38349	352299
COLLCTR	8258	774	324839	109892	44769	488532
1 WAY	24467	644	27613	39173	0	91897
RAMP	9595	2708	66271	45139	4124	127836
HOV	0	0	63850	1931	0	65781
TOLL	0	0	299522	39409	111076	450007
Totals	95539	12694	2125459	1307069	259726	3800486

HIGHWAY EVALUATION -- YEAR/ALT (c25) -- REPORT: TOTAL NEW LANE MILEAGE

	CBD	FRINGE	RESID.	OBD	RURAL	Total
Totals	0	0	0	0	0	0

HIGHWAY EVALUATION -- YEAR/ALT (c25) -- REPORT: TOTAL CONSTRUCTION COST (X \$1000)

	CBD	FRINGE	RESID.	OBD	RURAL	Total
Totals	0	0	0	0	0	0

HIGHWAY EVALUATION -- YEAR/ALT (c25) -- REPORT: TOTAL DELAY DUE TO CONGESTION (VEH-HRS)

	CBD	FRINGE	RESID.	OBD	RURAL	Total
FREEWAY	6856.98	839.58242225.09104910.00	65043.41419875.09			
D. ART	13609.52	180.98313213.88421514.12	5644.97754163.50			
U. ART	2825.33	33.17 76210.80 55597.66	959.29135626.25			
COLLCTR	3399.48	680.22120261.98 48980.38	4068.43177390.48			
1 WAY	15255.60	368.02 9459.28 20128.87	0.00 45211.76			
RAMP	7535.36	574.13 45936.35 23577.59	988.20 78611.63			
HOV	0.00	0.00 13356.22 297.33	0.00 13653.55			
TOLL	0.00	0.00 99340.30 3902.96	12620.13115863.39			
Totals	49482.28	2676.11920003.88678908.88	89324.44*****			

HIGHWAY EVALUATION -- YEAR/ALT (c25) : MILES OF ROADWAY AT EACH LEVEL OF SERVICE

	LEVEL OF SERVICE						
	A	B	C	D	E	F	TOTAL
FREEWAY	25.50	13.90	19.24	28.58	31.45	39.96	158.64
D. ART	105.95	66.03	100.37	99.42	68.37	97.12	537.26
U. ART	97.93	19.91	26.05	25.04	23.69	77.85	270.47
COLLCTR	295.32	49.42	51.23	45.28	48.90	106.25	596.38
1 WAY	32.37	15.16	12.51	9.71	5.68	7.79	83.22
RAMP	55.20	11.17	11.99	6.34	6.41	19.39	110.49
HOV	44.66	16.47	5.46	0.50	0.00	0.00	67.09
TOLL	95.64	38.73	16.71	6.57	4.95	5.04	167.64
Total	752.58	230.79	243.56	221.44	189.43	353.39	1991.19

HIGHWAY EVALUATION -- YEAR/ALT (c25) : PERCENT OF MILEAGE AT EACH LEVEL OF SERVICE

	LEVEL OF SERVICE						
	A	B	C	D	E	F	TOTAL
FREEWAY	1.28	0.70	0.97	1.44	1.58	2.01	7.97
D. ART	5.32	3.32	5.04	4.99	3.43	4.88	26.98
U. ART	4.92	1.00	1.31	1.26	1.19	3.91	13.58
COLLCTR	14.83	2.48	2.57	2.27	2.46	5.34	29.95
1 WAY	1.63	0.76	0.63	0.49	0.29	0.39	4.18
RAMP	2.77	0.56	0.60	0.32	0.32	0.97	5.55
HOV	2.24	0.83	0.27	0.03	0.00	0.00	3.37
TOLL	4.80	1.95	0.84	0.33	0.25	0.25	8.42
Total	37.80	11.59	12.23	11.12	9.51	17.75	100.00

HIGHWAY EVALUATION -- YEAR/ALT (c25) -- SCREENLINE SUMMARIES

SCREENLINE NUMBER	ANODE	BNODE	TOTAL VOLUME	TOTAL CAPACITY	VOLUME OVER CAPACITY RATIO	F T	A T
1	1651	1652	36919.	63392.	0.58	21	51
1	1652	2603	36919.	63392.	0.58	21	51
1	2161	2516	41660.	36218.	1.15	23	31
1	2345	7268	29284.	18750.	1.56	98	31
1	2429	7168	44765.	54359.	0.82	92	51
1	2504	8497	22152.	12870.	1.72	37	31
1	2506	2507	42605.	34348.	1.24	24	31
1	2509	2510	68360.	51978.	1.32	24	31
1	2520	8494	55907.	51978.	1.08	24	31
1	2521	8494	70200.	51978.	1.35	24	31
1	2523	2524	8160.	11522.	0.71	45	31
1	2525	2526	18700.	24914.	0.75	44	31
1	2529	2580	11103.	11522.	0.96	45	31
1	2531	7437	16438.	9218.	1.78	47	31
1	2533	2592	22264.	13740.	1.62	36	31
1	2536	7793	69949.	51978.	1.35	24	42
1	2541	2430	139995.	72478.	1.93	12	51
1	2547	2712	32049.	16086.	1.99	33	31
1	2612	7417	22386.	72478.	0.31	92	51
1	2685	3316	69579.	54326.	1.28	23	31
1	3317	8497	22169.	12870.	1.72	37	31
1	3856	4985	147051.	74478.	1.97	12	31
1	4258	2541	140019.	72478.	1.93	12	51
1	4970	4975	0.	18750.	0.00	12	31
1	4995	3858	147061.	74478.	1.97	12	31
1	4998	5001	0.	18750.	0.00	12	31
1	5175	7750	72618.	74478.	0.98	92	31
1	5195	6887	71336.	74478.	0.96	92	31
1	7074	2500	48212.	54359.	0.89	92	51
1	7168	7426	27004.	54359.	0.50	92	51
1	7268	7274	29284.	18750.	1.56	98	31
1	7274	4484	29284.	18750.	1.56	98	31
1	7417	7074	22386.	54359.	0.41	92	51
1	7426	2431	27004.	72478.	0.37	92	51
1	TOTALS		1642822.	1471340.	1.12	SCREEN LINE 1	

HIGHWAY EVALUATION -- YEAR/ALT (c25) -- SCREENLINE SUMMARIES

SCREENLINE NUMBER	ANODE	BNODE	TOTAL VOLUME	TOTAL CAPACITY	VOLUME OVER CAPACITY RATIO	F T	A T
2	1532	2971	73896.	48260.	1.53	24	51
2	1532	4481	81537.	48260.	1.69	24	51
2	2170	6508	35059.	34348.	1.02	24	31
2	2427	2426	42279.	72478.	0.58	92	51
2	2458	7923	63714.	55989.	1.14	92	31
2	2491	5979	9362.	9218.	1.02	47	31
2	2859	2717	51003.	72478.	0.70	92	51
2	3175	3658	13401.	11522.	1.16	45	31
2	3574	7266	12015.	24914.	0.48	44	31
2	3781	5727	7566.	12870.	0.59	37	31
2	3788	5881	13039.	11522.	1.13	45	31
2	4053	4054	52249.	55989.	0.93	12	31
2	4056	4052	40453.	55989.	0.72	12	31
2	4250	7275	25140.	36218.	0.69	23	44
2	4273	4275	52802.	51978.	1.02	24	41
2	4620	7269	39569.	51978.	0.76	24	31
2	5082	9917	50028.	50544.	0.99	25	31
2	5083	7316	40752.	24914.	1.64	44	31
2	5084	9917	42322.	50544.	0.84	25	31
2	5349	5352	46557.	51978.	0.90	24	31
2	5582	7327	46940.	51978.	0.90	24	31
2	5726	5728	49331.	50544.	0.98	25	42
2	5879	5883	37294.	34348.	1.09	24	31
2	5976	5981	43259.	34348.	1.26	24	42
2	6074	6076	56880.	51978.	1.09	24	31
2	6153	6156	60684.	51978.	1.17	24	31
2	6199	7345	15712.	11522.	1.36	45	31
2	6251	6937	32182.	55989.	0.57	92	31
2	6252	7974	14347.	9218.	1.56	46	41
2	6253	6254	6352.	9218.	0.69	46	31
2	6307	6308	48052.	51978.	0.92	24	31
2	6337	9879	18411.	16086.	1.14	33	31
2	6342	9879	18411.	16086.	1.14	33	31
2	6384	9880	37007.	34348.	1.08	24	41
2	6387	9880	37007.	34348.	1.08	24	41
2	6452	6458	20001.	34348.	0.58	24	41
2	6456	7512	16630.	12870.	1.29	37	31
2	6556	6558	9635.	12500.	0.77	43	51
2	6607	6608	8400.	25000.	0.34	43	51
2	6935	6936	47124.	55989.	0.84	92	31
2	6936	8194	44726.	55989.	0.80	92	31
2	6937	6941	52516.	55989.	0.94	92	31
2	6941	7927	52516.	55989.	0.94	92	31
2	7271	7810	29327.	24914.	1.18	44	41
2	7808	7890	5750.	24914.	0.23	44	41
2	7923	6935	47124.	55989.	0.84	92	31
2	7927	2456	53826.	55989.	0.96	92	31
2	TOTALS		1702185.	1816438.	0.94	SCREEN LINE 2	

HIGHWAY EVALUATION -- YEAR/ALT (c25) -- SCREENLINE SUMMARIES

SCREENLINE NUMBER	ANODE	BNODE	TOTAL VOLUME	TOTAL CAPACITY	VOLUME OVER CAPACITY RATIO	F T	A T
3	1525	4277	7507.	12500.	0.60	43	51
3	2134	2139	26573.	22761.	1.17	64	43
3	2138	2133	25591.	22761.	1.12	64	43
3	2405	4249	47677.	90598.	0.53	92	51
3	2715	3138	28984.	34348.	0.84	24	31
3	2715	9780	32312.	34348.	0.94	24	44
3	2970	6069	27785.	34348.	0.81	24	31
3	2973	7381	12255.	32956.	0.37	41	31
3	2976	8381	13219.	9218.	1.43	46	31
3	2991	9783	13054.	16892.	0.77	24	31
3	2992	9783	16134.	16892.	0.96	24	31
3	2994	2997	33999.	34348.	0.99	24	31
3	3000	3651	18587.	18044.	1.03	23	31
3	3007	7593	62116.	51978.	1.20	24	41
3	3099	7825	29622.	34348.	0.86	24	31
3	3137	3138	40756.	51978.	0.78	24	41
3	3139	9780	24139.	34348.	0.70	24	44
3	3142	3143	45664.	34348.	1.33	24	41
3	3146	3147	57743.	51978.	1.11	24	41
3	3150	3628	36737.	34348.	1.07	24	31
3	3156	9778	32230.	32956.	0.98	41	31
3	3157	9778	32324.	32956.	0.98	41	31
3	3160	3161	9867.	11522.	0.86	45	31
3	3166	7404	54447.	51978.	1.05	24	31
3	3173	3174	14333.	11522.	1.24	45	31
3	3181	3182	14271.	12870.	1.11	37	31
3	3187	3297	26233.	25782.	1.02	37	31
3	3206	8097	21018.	17174.	1.22	32	41
3	3209	8096	37897.	34348.	1.10	24	41
3	3302	3303	46579.	34348.	1.36	24	31
3	3307	7414	2740.	9218.	0.30	46	31
3	3721	4277	42799.	54326.	0.79	23	41
3	3884	3889	105721.	74478.	1.42	12	31
3	3885	3883	104688.	74478.	1.41	12	31
3	4223	4220	97203.	74478.	1.31	12	41
3	4225	4219	104266.	74478.	1.40	12	41
3	4244	3205	49561.	90598.	0.55	92	51
3	4785	4793	18794.	19293.	0.97	81	31
3	4787	4780	18708.	19293.	0.97	81	31
3	TOTALS		1434138.	1429436.	1.00	SCREEN LINE 3	

HIGHWAY EVALUATION -- YEAR/ALT (c25) -- SCREENLINE SUMMARIES

SCREENLINE NUMBER	ANODE	BNODE	TOTAL VOLUME	TOTAL CAPACITY	VOLUME OVER CAPACITY RATIO	F T	A T
4	2045	2040	72209.	55989.	1.29	12	31
4	2292	4046	110457.	74478.	1.48	12	41
4	2500	4329	48212.	54359.	0.89	92	51
4	2621	7439	37726.	51978.	0.73	24	31
4	2695	2429	44765.	54359.	0.82	92	51
4	2729	2732	17417.	24914.	0.70	44	31
4	2736	2737	69086.	55989.	1.23	12	31
4	2874	4235	34446.	32956.	1.05	41	31
4	2991	2994	15615.	13740.	1.14	36	31
4	3109	4221	50333.	34348.	1.47	24	41
4	3232	3234	52091.	50544.	1.03	25	41
4	3255	8505	25203.	12870.	1.96	37	31
4	3421	4206	62506.	63566.	0.98	24	41
4	3423	4197	71156.	51978.	1.37	24	44
4	3592	3594	24404.	24914.	0.98	44	44
4	3763	8505	24393.	12870.	1.90	37	31
4	4134	5996	48671.	34348.	1.42	24	31
4	4146	4163	42803.	37500.	1.14	12	31
4	4162	4144	33485.	37500.	0.89	12	31
4	4200	7656	21818.	12870.	1.70	37	44
4	4231	4315	62530.	55989.	1.12	12	31
4	4306	2985	55694.	55989.	0.99	12	31
4	4429	9813	52509.	51978.	1.01	24	44
4	4636	4637	56504.	51978.	1.09	24	44
4	4637	7875	72980.	51978.	1.40	24	41
4	4773	9813	57603.	51978.	1.11	24	44
4	4777	9830	15949.	11522.	1.38	45	41
4	4783	9830	15023.	11522.	1.30	45	41
4	4926	4928	53911.	34392.	1.57	32	41
4	4927	2291	117425.	74478.	1.58	12	41
4	5103	5104	69413.	51978.	1.34	24	41
4	5367	7385	51023.	34348.	1.49	24	41
4	5606	7390	46333.	33392.	1.39	25	41
4	5750	5751	74177.	50544.	1.47	25	41
4	5906	5908	52155.	34348.	1.52	24	31
4	6100	6101	43159.	50544.	0.85	25	41
4	7300	8071	52652.	34348.	1.53	24	41
4	8391	8392	12103.	16086.	0.75	41	41
4	TOTALS		1867940.	1549462.	1.21	SCREEN LINE 4	

HIGHWAY EVALUATION -- YEAR/ALT (c25) -- SCREENLINE SUMMARIES

SCREENLINE NUMBER	ANODE	BNODE	TOTAL VOLUME	TOTAL CAPACITY	VOLUME OVER CAPACITY RATIO	F T	A T
5	2097	2103	16180.	22761.	0.71	64	43
5	2102	2097	14932.	22761.	0.66	64	43
5	2725	2730	31999.	32956.	0.97	41	44
5	3428	3429	60914.	51978.	1.17	24	44
5	3437	3439	25715.	12870.	2.00	37	44
5	3446	3447	13728.	23608.	0.58	45	41
5	3456	3457	55415.	51978.	1.07	24	41
5	3463	3464	16111.	22761.	0.71	64	41
5	3467	3466	12472.	22761.	0.55	64	41
5	3471	3472	22212.	25782.	0.86	37	41
5	3477	3478	40532.	34348.	1.18	24	31
5	3488	3489	32484.	34348.	0.95	24	41
5	3497	3498	40550.	34348.	1.18	24	41
5	3504	3506	57646.	51978.	1.11	24	31
5	3511	3512	32525.	34348.	0.95	24	31
5	3518	3519	30575.	32956.	0.93	41	31
5	3527	3528	38791.	33392.	1.16	25	41
5	3538	3539	12403.	11522.	1.08	45	31
5	3544	3546	37852.	34348.	1.10	24	31
5	3552	3553	34199.	31696.	1.08	34	41
5	3563	9802	49064.	34348.	1.43	24	41
5	3564	9802	47953.	34348.	1.40	24	41
5	3900	3907	105687.	74478.	1.42	12	31
5	3902	3897	111623.	74478.	1.50	12	31
5	4196	4198	110523.	93098.	1.19	12	41
5	4202	4195	105214.	93098.	1.13	12	41
5	4669	4685	17033.	19293.	0.88	81	31
5	4675	4665	16844.	19293.	0.87	81	31
5	6998	6999	74621.	51978.	1.44	24	41
5	TOTALS		1265795.	1117912.	1.13	SCREEN LINE 5	

HIGHWAY EVALUATION -- YEAR/ALT (c25) -- SCREENLINE SUMMARIES

SCREENLINE NUMBER	ANODE	BNODE	TOTAL VOLUME	TOTAL CAPACITY	VOLUME OVER CAPACITY RATIO	F T	A T
6	1577	1580	43121.	37500.	1.15	92	31
6	1578	9994	43121.	37500.	1.15	92	31
6	1579	1578	43121.	37500.	1.15	92	31
6	1580	1579	43121.	37500.	1.15	92	31
6	1581	1582	21209.	37500.	0.57	92	31
6	1582	1583	21209.	37500.	0.57	92	31
6	1583	1584	21209.	37500.	0.57	92	31
6	1584	9993	21209.	37500.	0.57	92	31
6	1585	9999	21209.	37500.	0.57	92	41
6	1586	1585	21209.	37500.	0.57	92	41
6	1587	1586	21209.	37500.	0.57	92	41
6	1587	1592	9451.	37500.	0.25	92	41
6	1592	1593	53413.	74478.	0.72	92	41
6	1596	1597	17371.	37500.	0.46	92	31
6	1598	9996	26419.	37500.	0.70	12	41
6	1614	1598	669.	37500.	0.02	92	31
6	1619	9992	43121.	37500.	1.15	92	31
6	1632	9985	34856.	37500.	0.93	92	41
6	1634	9986	43121.	37500.	1.15	92	41
6	2125	2115	75690.	55989.	1.35	12	41
6	2414	4601	49136.	31413.	1.56	79	41
6	2416	2720	44057.	34348.	1.28	24	41
6	2416	4668	39368.	32652.	1.21	33	41
6	2435	3626	44384.	54359.	0.82	92	51
6	2504	2506	9453.	9218.	1.03	46	31
6	2554	7210	31824.	36218.	0.88	23	31
6	2639	3610	10313.	11522.	0.90	45	31
6	2640	6864	41216.	51978.	0.79	24	31
6	2641	3595	11574.	11522.	1.00	45	31
6	2710	2437	46604.	54359.	0.86	92	51
6	2762	2766	74481.	55989.	1.33	12	41
6	2764	2768	13438.	15457.	0.87	67	41
6	2767	2763	14556.	15457.	0.94	67	41
6	2996	4316	35704.	34348.	1.04	24	44
6	3011	3014	15817.	12108.	1.31	44	41
6	3012	9779	37668.	34348.	1.10	24	41
6	3018	9779	41694.	34348.	1.21	24	41
6	3261	3262	42864.	34348.	1.25	24	31
6	3409	4802	28731.	13740.	2.09	36	41
6	3482	3484	18007.	11522.	1.56	45	41
6	3483	6980	56042.	34348.	1.63	24	41
6	3495	8240	13579.	11522.	1.18	45	31
6	3723	7387	16714.	11522.	1.45	45	41
6	3846	9869	28911.	23608.	1.22	45	31
6	3909	7137	79458.	55989.	1.42	12	41
6	4016	9947	76008.	55989.	1.36	12	31
6	4316	7453	29937.	34348.	0.87	24	44
6	4322	6956	58553.	55989.	1.05	12	31
6	4428	4435	49136.	47120.	1.04	79	41
6	4434	2417	42606.	31413.	1.36	79	41
6	4435	4439	49136.	47120.	1.04	79	41
6	4437	4434	42606.	47120.	0.90	79	41

6	4439	4455	49136.	47120.	1.04	79	41
6	4453	4437	42606.	47120.	0.90	79	41
6	4455	4462	49136.	47120.	1.04	79	41
6	4457	4453	42606.	47120.	0.90	79	41
6	4462	4465	37912.	47120.	0.80	79	41
6	4465	4469	37912.	31413.	1.21	79	41
6	4466	4467	20223.	31413.	0.64	79	41
6	4467	4468	20223.	47120.	0.43	79	41
6	4468	4457	42606.	47120.	0.90	79	41
6	4469	8302	37912.	31413.	1.21	79	41
6	4470	4466	20223.	31413.	0.64	79	41
6	4471	4487	51156.	31413.	1.63	79	41
6	4475	4470	20223.	31413.	0.64	79	41
6	4487	4495	30615.	31413.	0.97	79	41
6	4491	4475	20223.	31413.	0.64	79	41
6	4495	10065	30615.	31413.	0.97	79	41
6	4539	4541	48510.	32652.	1.49	33	41
6	4540	7012	41159.	34348.	1.20	24	41
6	4542	7013	41159.	34348.	1.20	24	41
6	4601	4751	49136.	31413.	1.56	79	41
6	4666	4667	22647.	16086.	1.41	33	41
6	4751	4428	49136.	31413.	1.56	79	41
6	4792	4797	40119.	34348.	1.17	24	41
6	4946	9948	82238.	55989.	1.47	12	31
6	5132	5133	50490.	34348.	1.47	24	41
6	5134	7499	63018.	32652.	1.93	33	41
6	5386	9865	53208.	33392.	1.59	25	41
6	5387	9865	53258.	33392.	1.59	25	41
6	5639	5643	42461.	24914.	1.70	44	12
6	5642	5644	49644.	33392.	1.49	25	12
6	5782	9869	28819.	23608.	1.22	45	31
6	5784	5786	46181.	33392.	1.38	25	41
6	5929	5936	33176.	23608.	1.41	45	41
6	5931	5933	58871.	50544.	1.16	25	41
6	5987	1587	30660.	37500.	0.82	92	41
6	6033	6034	27033.	13740.	1.97	36	31
6	6957	4321	50209.	55989.	0.90	12	31
6	7012	7013	41159.	34348.	1.20	24	41
6	7139	4671	77070.	55989.	1.38	12	41
6	8302	4471	37912.	31413.	1.21	79	41
6	9947	4019	43634.	55989.	0.78	12	31
6	9947	9950	32374.	13109.	2.47	97	31
6	9948	4018	92650.	55989.	1.65	12	31
6	9949	9948	10412.	18750.	0.56	98	31
6	9950	9951	32374.	37500.	0.86	92	31
6	9951	9953	32374.	37500.	0.86	92	31
6	9952	9949	10412.	37500.	0.28	92	31
6	9953	9955	19089.	37500.	0.51	92	31
6	9954	9952	10412.	37500.	0.28	92	31
6	9955	9957	19089.	37500.	0.51	92	31
6	9956	9954	10412.	37500.	0.28	92	31
6	9957	9959	49704.	37500.	1.33	92	31
6	9958	9956	10412.	37500.	0.28	92	41
6	9959	9961	49704.	37500.	1.33	92	31
6	9960	9958	10412.	37500.	0.28	92	41
6	9961	9963	49704.	37500.	1.33	92	31
6	9962	9960	34856.	37500.	0.93	92	31

6	9963	9965	49704.	37500.	1.33	92 31
6	9964	9962	34856.	37500.	0.93	92 41
6	9965	9968	49704.	37500.	1.33	92 41
6	9967	9964	34856.	37500.	0.93	92 31
6	9968	9970	49704.	37500.	1.33	92 41
6	9969	9967	34856.	37500.	0.93	92 41
6	9970	9972	49704.	37500.	1.33	92 41
6	9971	9969	34856.	37500.	0.93	92 41
6	9972	9974	49704.	37500.	1.33	92 41
6	9973	9971	34856.	37500.	0.93	92 41
6	9974	9976	49704.	37500.	1.33	92 41
6	9975	9973	34856.	37500.	0.93	92 41
6	9976	9978	49704.	37500.	1.33	92 41
6	9977	9975	34856.	37500.	0.93	92 41
6	9978	9980	49704.	37500.	1.33	92 41
6	9979	9977	34856.	37500.	0.93	92 41
6	9980	9982	49704.	37500.	1.33	92 41
6	9981	9979	34856.	37500.	0.93	92 41
6	9982	9984	49704.	37500.	1.33	92 41
6	9983	9981	34856.	37500.	0.93	92 41
6	9984	1634	49704.	37500.	1.33	92 41
6	9985	9983	34856.	37500.	0.93	92 41
6	9986	9988	43121.	37500.	1.15	92 41
6	9987	1632	21209.	37500.	0.57	92 41
6	9988	9990	43121.	37500.	1.15	92 41
6	9989	9987	21209.	37500.	0.57	92 41
6	9990	1619	43121.	37500.	1.15	92 31
6	9991	9989	21209.	37500.	0.57	92 41
6	9992	1577	43121.	37500.	1.15	92 31
6	9993	9991	21209.	37500.	0.57	92 31
6	9994	1596	17371.	37500.	0.46	92 31
6	9994	1598	25750.	15707.	1.64	71 31
6	9995	1581	21209.	37500.	0.57	92 31
6	9996	9998	26419.	37500.	0.70	12 41
6	9997	9995	21209.	37500.	0.57	92 31
6	9998	1599	26419.	37500.	0.70	12 41
6	9999	9997	21209.	37500.	0.57	92 41
6	10018	4491	20223.	31413.	0.64	79 41
6	10065	9957	30615.	31413.	0.97	79 41
6	TOTALS		5405170.	5346054.	1.01	

HIGHWAY EVALUATION -- YEAR/ALT (c25) -- SCREENLINE SUMMARIES

SCREENLINE NUMBER	ANODE	BNODE	TOTAL VOLUME	TOTAL CAPACITY	VOLUME OVER CAPACITY RATIO	F T	A T
7	1613	2462	2628.	18750.	0.14	98	31
7	2004	7854	120374.	106174.	1.13	21	32
7	2039	2051	37259.	33392.	1.12	25	42
7	2041	2057	30304.	33392.	0.91	25	12
7	2042	2058	20370.	25044.	0.81	38	43
7	2308	5113	49300.	34348.	1.44	24	31
7	2323	5092	56310.	50544.	1.11	25	31
7	2345	7717	68172.	74478.	0.92	92	31
7	2358	4084	123355.	93098.	1.32	12	41
7	2389	5103	56676.	51978.	1.09	24	31
7	3984	3987	11692.	31413.	0.37	79	11
7	3986	3985	114662.	77174.	1.49	11	11
7	4085	2362	122030.	93098.	1.31	12	41
7	4908	8529	68864.	51978.	1.32	24	41
7	5002	5198	25815.	15707.	1.64	75	11
7	5003	6430	105999.	77174.	1.37	11	11
7	5013	5014	11528.	11522.	1.00	45	11
7	5020	7446	12377.	11914.	1.04	38	11
7	5026	5027	27099.	23608.	1.15	45	11
7	5034	5037	15176.	22174.	0.68	64	11
7	5048	5046	28021.	22174.	1.26	64	11
7	5059	5060	23403.	22174.	1.06	64	11
7	5071	9724	70244.	54663.	1.29	25	11
7	5072	9724	81643.	54663.	1.49	25	11
7	5106	8379	17765.	11522.	1.54	45	31
7	5122	5123	22928.	12870.	1.78	37	31
7	5131	5132	75420.	51978.	1.45	24	41
7	5140	5141	52335.	34348.	1.52	24	41
7	5147	5148	19901.	12870.	1.55	37	31
7	5153	5154	71311.	50544.	1.41	25	41
7	5159	5160	49554.	33392.	1.48	25	41
7	5164	5166	58926.	50544.	1.17	25	31
7	5170	5171	44847.	27130.	1.65	36	41
7	5173	5180	18947.	16086.	1.18	33	41
7	5176	5177	39530.	33392.	1.18	25	31
7	6430	5209	105999.	77174.	1.37	11	11
7	7716	4482	91916.	93098.	0.99	92	31
7	8503	1613	2628.	18750.	0.14	98	31
7	TOTALS		1955306.	1614332.	1.21		

HIGHWAY EVALUATION -- YEAR/ALT (c25) -- SCREENLINE SUMMARIES

SCREENLINE NUMBER	ANODE	BNODE	TOTAL VOLUME	TOTAL CAPACITY	VOLUME OVER CAPACITY RATIO	F T	A T
8	1553	2475	10866.	54359.	0.20	98	51
8	1561	6895	14097.	54359.	0.26	92	51
8	2146	2149	52806.	51978.	1.02	24	43
8	2171	2803	95776.	74478.	1.29	12	31
8	2213	2214	30916.	31413.	0.98	75	31
8	2236	2242	36475.	31413.	1.16	79	31
8	2252	2928	32133.	24914.	1.29	44	31
8	2269	2244	3743.	15707.	0.24	75	31
8	2270	2271	60134.	55989.	1.07	12	31
8	2280	2281	71163.	55989.	1.27	12	31
8	2438	1553	10866.	54359.	0.20	92	51
8	2477	1561	14097.	54359.	0.26	98	51
8	2509	2513	38299.	36218.	1.06	23	31
8	2558	2561	54258.	54326.	1.00	23	31
8	2565	2669	11909.	11522.	1.03	45	31
8	2660	2664	52853.	51978.	1.02	24	31
8	2804	2172	101916.	74478.	1.37	12	31
8	2807	3713	13807.	13740.	1.00	36	31
8	2811	2812	36434.	34348.	1.06	24	31
8	2819	2820	15072.	9218.	1.64	46	31
8	2824	2949	19271.	12108.	1.59	44	31
8	2831	3709	15131.	12108.	1.25	44	31
8	2832	2953	10198.	9218.	1.11	46	31
8	2844	2960	44710.	34348.	1.30	24	41
8	2850	4404	79020.	63566.	1.24	24	41
8	3706	3707	16426.	11522.	1.43	45	31
8	4911	4913	12485.	19293.	0.65	81	31
8	5365	5375	7784.	19293.	0.40	81	31
8	8261	8262	13471.	11522.	1.17	45	31
8	TOTALS		976117.	1038123.	0.94		

HIGHWAY EVALUATION -- YEAR/ALT (c25) -- SCREENLINE SUMMARIES

SCREENLINE NUMBER	ANODE	BNODE	TOTAL VOLUME	TOTAL CAPACITY	VOLUME OVER CAPACITY RATIO	F T	A T
9	3749	7534	20515.	16086.	1.28	41	41
9	3798	5974	40655.	34348.	1.18	24	41
9	4132	9915	71444.	55989.	1.28	12	31
9	4135	4133	70234.	55989.	1.25	12	31
9	4141	10064	24786.	55989.	0.44	99	31
9	4152	4153	50985.	47120.	1.08	75	31
9	4444	7901	77535.	74478.	1.04	92	31
9	5725	7894	54044.	74478.	0.73	92	31
9	5956	6038	24072.	33260.	0.72	23	51
9	5958	7370	9809.	32956.	0.30	41	31
9	5959	7223	16348.	24914.	0.66	44	31
9	5962	7330	25442.	34348.	0.74	24	31
9	5963	6050	8778.	24914.	0.35	44	31
9	5966	6054	41093.	51978.	0.79	24	31
9	5969	6063	32635.	34348.	0.95	24	31
9	6078	7373	36798.	34348.	1.07	24	31
9	6092	6093	35131.	34348.	1.02	24	31
9	6110	7950	45375.	50544.	0.90	25	41
9	6112	6116	25581.	16086.	1.59	33	31
9	6120	6121	40610.	17174.	2.36	32	32
9	6126	6178	24366.	17174.	1.42	32	32
9	7893	9840	15957.	63392.	0.25	21	51
9	7894	4442	54044.	74478.	0.73	92	31
9	7901	5730	56265.	74478.	0.76	92	31
9	8224	4149	61805.	74478.	0.83	92	31
9	8328	9840	13333.	63392.	0.21	21	51
9	9915	4136	71444.	55989.	1.28	12	31
9	10064	6087	24786.	55989.	0.44	92	31
9	TOTALS		1073869.	1283065.	0.84		

HIGHWAY EVALUATION -- YEAR/ALT (c25) -- SCREENLINE SUMMARIES

SCREENLINE NUMBER	ANODE	BNODE	TOTAL VOLUME	TOTAL CAPACITY	VOLUME OVER CAPACITY	F T	A T
10	2218	2912	41563.	36218.	1.15	23	31
10	2480	2293	58019.	55989.	1.04	92	31
10	2487	5198	16613.	11522.	1.44	45	31
10	2582	3857	85450.	51978.	1.64	24	31
10	2610	7400	16256.	11522.	1.41	45	31
10	2674	9900	77845.	51978.	1.50	24	31
10	2676	9900	79100.	51978.	1.52	24	31
10	2678	2679	73874.	51978.	1.42	24	41
10	2798	2804	82184.	74478.	1.10	12	41
10	2803	2797	76075.	74478.	1.02	12	41
10	2919	2921	9206.	11522.	0.80	45	31
10	2923	9769	12644.	9218.	1.37	46	31
10	2927	9769	12644.	9218.	1.37	46	31
10	3051	3054	20182.	27826.	0.73	64	31
10	3053	3050	21951.	27826.	0.79	64	31
10	3163	3167	48262.	32652.	1.48	33	31
10	3166	3168	45412.	51978.	0.87	24	31
10	3284	3286	47672.	33392.	1.43	25	31
10	3382	7397	40715.	25044.	1.63	38	31
10	3527	3531	36439.	31609.	1.15	34	41
10	3529	7406	14698.	11522.	1.28	45	41
10	3530	3526	18323.	22761.	0.81	64	31
10	3927	8426	78349.	55989.	1.40	12	31
10	3963	3989	77220.	74478.	1.04	12	41
10	3990	4989	80715.	74478.	1.08	12	41
10	4067	4070	30569.	38587.	0.79	11	41
10	4068	5833	34665.	38587.	0.90	11	41
10	4479	2479	58547.	55989.	1.05	92	31
10	4584	7403	40405.	32652.	1.24	33	31
10	4586	7401	50089.	34348.	1.46	24	41
10	4719	4722	14326.	15218.	0.94	34	41
10	4724	7840	36176.	34348.	1.05	24	41
10	4870	7841	28448.	23608.	1.21	45	41
10	4874	8063	33354.	34348.	0.97	24	41
10	4984	4991	20684.	12108.	1.71	44	31
10	4990	4996	6914.	11522.	0.60	45	41
10	5007	8065	11232.	15457.	0.73	63	31
10	5014	5006	11260.	15457.	0.73	63	11
10	5182	5183	35685.	32728.	1.09	33	41
10	5189	5201	15524.	22761.	0.68	64	31
10	5194	5204	1325.	15022.	0.09	64	21
10	5200	5188	12265.	15022.	0.82	64	31
10	5203	5192	3590.	15022.	0.24	64	21
10	5207	5196	1670.	15022.	0.11	64	21
10	5434	5439	16728.	22761.	0.73	64	41
10	5440	5437	18059.	22761.	0.79	64	31
10	5441	8020	18796.	22761.	0.83	64	41
10	5688	5689	35506.	34348.	1.03	24	31
10	5840	5844	14708.	16892.	0.87	24	31
10	5847	7377	31785.	34348.	0.93	24	31
10	8425	3925	79867.	55989.	1.43	12	31
10		TOTALS	1833588.	1659298.	1.11		

HIGHWAY EVALUATION -- YEAR/ALT (c25) -- SCREENLINE SUMMARIES

SCREENLINE NUMBER	ANODE	BNODE	TOTAL VOLUME	TOTAL CAPACITY	VOLUME OVER CAPACITY RATIO	F T	A T
11	3669	6237	20378.	21956.	0.93	35	51
11	3811	6320	10553.	9218.	1.14	46	31
11	3814	6324	21542.	16086.	1.34	33	32
11	4336	6313	72522.	50544.	1.43	25	41
11	6244	7341	58048.	51978.	1.12	24	41
11	6253	6301	31966.	34348.	0.93	24	31
11	6299	8192	86011.	111717.	0.77	92	31
11	6326	9874	33543.	17174.	1.95	32	31
11	6329	7981	7968.	9218.	0.86	46	32
11	6358	9874	33543.	17174.	1.95	32	31
11	7986	7989	11755.	9218.	1.28	46	41
11	7995	7996	26758.	13740.	1.95	36	31
11	8193	2284	96426.	111717.	0.86	92	31
11	TOTALS		511013.	474088.	1.08		
12	2001	5331	29411.	54326.	0.54	23	44
12	2006	2007	119862.	106174.	1.13	21	32
12	2043	4473	20621.	32652.	0.63	33	31
12	2072	9736	110500.	111978.	0.99	12	31
12	2074	9737	81340.	111978.	0.73	12	31
12	2108	3569	55719.	51978.	1.07	24	31
12	2148	8175	65241.	63566.	1.03	24	43
12	2156	8154	35998.	111978.	0.32	17	31
12	3213	3214	34065.	34348.	0.99	24	31
12	5848	5849	37956.	54326.	0.70	23	32
12	9729	9736	9488.	15707.	0.60	73	31
12	9730	9733	14596.	15707.	0.93	73	31
12	9731	9736	101013.	111978.	0.90	12	31
12	9731	9737	86416.	111978.	0.77	12	31
12	9733	9731	14596.	15707.	0.93	73	31
12	TOTALS		816823.	1004381.	0.81		

HIGHWAY EVALUATION -- YEAR/ALT (c25) -- SCREENLINE SUMMARIES

SCREENLINE NUMBER	ANODE	BNODE	TOTAL VOLUME	TOTAL CAPACITY	VOLUME OVER CAPACITY RATIO	F T	A T
13	2155	8461	40168.	55989.	0.72	92	32
13	2452	8460	43500.	55989.	0.78	92	32
13	3666	6371	22437.	34392.	0.65	32	32
13	6364	6366	13303.	25000.	0.53	43	51
13	6367	6368	12568.	24696.	0.51	43	31
13	6371	7998	21544.	20544.	1.05	36	51
13	6433	8377	16572.	13740.	1.21	36	31
13	6489	7491	10013.	12260.	0.82	43	32
13	6492	6546	37756.	34348.	1.10	24	42
13	6501	6503	49167.	32652.	1.51	33	31
13	6558	6559	12169.	15326.	0.79	42	31
13	6562	6563	7189.	9218.	0.78	46	32
13	6568	6611	102.	12500.	0.01	43	51
13	8460	2120	43500.	55989.	0.78	92	32
13	8461	2454	40168.	55989.	0.72	92	32
13	TOTALS		370156.	458632.	0.81		
99	TOTALS		235259808.	241231536.	0.98	SCREEN LINE	99

***	*****	***	*****	*****	***	*****	*****	*****	***	***	***
*	*	*	*	*	*	*	*	*	*	*	*
***	*	*****	*	*	***	*	*	*	*	*	***
*	*	*	*	*	*	*	*	*	*	*	*
***	*	*	*	*	*****	***	*	*****	***	***	***

TOTAL NUMBER OF LINKS	8719
TOTAL SYSTEM MILES	1991.19
TOTAL LANE MILES	6369.01
TOTAL DIRECTIONAL MILES	3402.18
TOTAL VMT USING VOLUMES	60730032
TOTAL VMT USING CAPACITY	64567156
TOTAL VMT V/C	0.94
TOTAL VHT USING VOLUMES	3351136
TOTAL VHT USING CAPACITY	2976209
TOTAL VHT V/C	1.13
TOTAL VOLUMES ALL LINKS	256115232
AVERAGE TOTAL VOLUME	29374.38
TOTAL VMT ALL LINKS	60730032
TOTAL VHT ALL LINKS	3351136
TOTAL ORIGINAL SPEED (MPH)	33.87
TOTAL CONGESTED SPEED (MPH)	20.75
TOTAL ACCIDENTS	250.67
TOTAL INJURIES	160.76
TOTAL FATALITIES	0.93
TOTAL CO EMISSIONS (KILOGRAMS)	1573812
TOTAL HC EMISSIONS (KILOGRAMS)	102507
TOTAL NO EMISSIONS (KILOGRAMS)	119823
TOTAL FUEL USE	3800486
TOTAL NEW LANE MILEAGE	0
TOTAL CONSTRUCTION COST (X \$1000)	0

TOTAL ACCIDENT COST (DOLLARS)	6371914
TOTAL USERS COST (DOLLARS)	24899292
TOTAL MAINTENANCE COST (DOLLARS)	803419
TOTAL DELAY DUE TO CONGESTION (VEH-HRS)	1740395.62

APPENDIX I

YEAR 2030 EMIS MODEL INPUT & OUTPUT AND SUPPORTING FSUTMS REPORTS/FILES

YEAR 2030 MOBILE6.30A

MOBILE6 INPUT FILE

RUN DATA

MIN/MAX TEMP : 69.3 91.2

>These factors are for Southeast Florida only!

NO REFUELING :

*Indicates that refueling emissions will NOT be included

ABSOLUTE HUMIDITY : 100.0

FUEL RVP : 7.8

SCENARIO RECORD : SPEED = EPA default speed distribution

*User must indicate analysis year for this run in four digit format

CALENDAR YEAR : 2030

EVALUATION MONTH : 7

*User must indicate temperatures used for inventory purposes by area

END OF RUN

YEAR 2030 PROFILE.MAS

&TWODIGIT
YES
&VFACTORS
YES
&NAME NAME OF STUDY
Miami
&MOBILE6
YES
&M6YEAR
2030
&MOBILE DIRECTORY WHERE MOBILE PARAMETER FILES ARE STORED
c:\fsutms.v55\
&IMFAC INSPECTION/MAINTENANCE CREDIT PERCENTAGE FOR EMIS
0.00000
&EMISFAC FACTOR TO ADJUST MODEL VMT TO MATCH HPMS TARGET VALUE
0.99908
&FSUTMS DIRECTORY WHERE SCRIPT FILES ARE LOCATED
.\\SCRIPT
&AVEZONE NUMBER OF ZONES TO AVERAGE TO COMPUTE IZ DISTANCE
1
&TRANZONE TRANSIT ACCESS ANALYSIS ZONE
642
&ZONESI INTERNAL ZONES
1500
&ZONESX FIRST EXTERNAL ZONE
1501
&ZONESA TOTAL ZONES
1521
&VALIDATE
NO
&ANALYSIS
YES
&GLSELECT
0
&GLTITLE Miami-dade
&SZONE STARTING ZONE FOR CARDINAL DISTRIBUTION
1
&FZONE ENDING ZONE FOR CARDINAL DISTRIBUTION
1500
&DISTRICT NUMBER OF PLANNING DISTRICTS
96
&SUPERDIST NUMBER OF SUPER DISTRICTS
26
&CBDZONE THE CBD ZONES
642
&SELDEST SELECTED DESTINATION ZONES
1-1500
&TERM10 TERMINAL TIME FOR AREA TYPE
5
&TERM11 TERMINAL TIME FOR AREA TYPE
5
&TERM12 TERMINAL TIME FOR AREA TYPE
5
&TERM13 TERMINAL TIME FOR AREA TYPE
3
&TERM14 TERMINAL TIME FOR AREA TYPE

5
&TERM15 TERMINAL TIME FOR AREA TYPE
5
&TERM16 TERMINAL TIME FOR AREA TYPE
5
&TERM17 TERMINAL TIME FOR AREA TYPE
5
&TERM18 TERMINAL TIME FOR AREA TYPE
5
&TERM19 TERMINAL TIME FOR AREA TYPE
5
&TERM20 TERMINAL TIME FOR AREA TYPE
3
&TERM21 TERMINAL TIME FOR AREA TYPE
4
&TERM22 TERMINAL TIME FOR AREA TYPE
3
&TERM23 TERMINAL TIME FOR AREA TYPE
3
&TERM24 TERMINAL TIME FOR AREA TYPE
3
&TERM25 TERMINAL TIME FOR AREA TYPE
3
&TERM26 TERMINAL TIME FOR AREA TYPE
3
&TERM27 TERMINAL TIME FOR AREA TYPE
3
&TERM28 TERMINAL TIME FOR AREA TYPE
3
&TERM29 TERMINAL TIME FOR AREA TYPE
3
&TERM30 TERMINAL TIME FOR AREA TYPE
1
&TERM31 TERMINAL TIME FOR AREA TYPE
3
&TERM32 TERMINAL TIME FOR AREA TYPE
1
&TERM33 TERMINAL TIME FOR AREA TYPE
1
&TERM34 TERMINAL TIME FOR AREA TYPE
1
&TERM35 TERMINAL TIME FOR AREA TYPE
1
&TERM36 TERMINAL TIME FOR AREA TYPE
1
&TERM37 TERMINAL TIME FOR AREA TYPE
1
&TERM38 TERMINAL TIME FOR AREA TYPE
1
&TERM39 TERMINAL TIME FOR AREA TYPE
1
&TERM40 TERMINAL TIME FOR AREA TYPE
2
&TERM41 TERMINAL TIME FOR AREA TYPE
2
&TERM42 TERMINAL TIME FOR AREA TYPE
3

&TERM43	TERMINAL TIME FOR AREA TYPE
2	
&TERM44	TERMINAL TIME FOR AREA TYPE
2	
&TERM45	TERMINAL TIME FOR AREA TYPE
2	
&TERM46	TERMINAL TIME FOR AREA TYPE
2	
&TERM47	TERMINAL TIME FOR AREA TYPE
2	
&TERM48	TERMINAL TIME FOR AREA TYPE
2	
&TERM49	TERMINAL TIME FOR AREA TYPE
2	
&TERM50	TERMINAL TIME FOR AREA TYPE
1	
&TERM51	TERMINAL TIME FOR AREA TYPE
1	
&TERM52	TERMINAL TIME FOR AREA TYPE
1	
&TERM53	TERMINAL TIME FOR AREA TYPE
1	
&TERM54	TERMINAL TIME FOR AREA TYPE
1	
&TERM55	TERMINAL TIME FOR AREA TYPE
1	
&TERM56	TERMINAL TIME FOR AREA TYPE
1	
&TERM57	TERMINAL TIME FOR AREA TYPE
1	
&TERM58	TERMINAL TIME FOR AREA TYPE
1	
&TERM59	TERMINAL TIME FOR AREA TYPE
1	
&NODES	MAXIMUM NUMBER OF NODES IN HWY NET
200000	
&UNITS	UNITS PER MILE
5280	
&CONFAC	FOR CAPACITY CONSTRAINT
0.10	
&CAPFAC	FOR PLOTTING LOS E
0.10	
&ITER	MAXIMUM EQUILIBRIUM ITERATIONS
25	
&UROADF	UROAD CAPACITY FACTOR
0.75	
&DAMPING	DAMPING FACTOR USED TO MINIMIZE TIME MODULATIONS BETWEEN
ITERATION	
0.5	
&BPRMAX	
4.0	
&EPS	
0.10	
&CTOLL	COEFFICIENT OF TOLL FACTOR USED IN TOLL MODEL
0.08	
&TOLLS1	NOT USED BUT KEEP IN PROFILE.MAS FOR MODEL STREAM
CONTINUITY	

0.10
&TOLLS2 NOT USED BUT KEEP IN PROFILE.MAS FOR MODEL STREAM
CONTINUITY
0.15
&TOLLS3 NOT USED BUT KEEP IN PROFILE.MAS FOR MODEL STREAM
CONTINUITY
0.20
&TOLLS4 NOT USED BUT KEEP IN PROFILE.MAS FOR MODEL STREAM
CONTINUITY
0.25
&TOLLS5 NOT USED BUT KEEP IN PROFILE.MAS FOR MODEL STREAM
CONTINUITY
0.30
&TOLLS6 NOT USED BUT KEEP IN PROFILE.MAS FOR MODEL STREAM
CONTINUITY
0.35
&TOLLS7 NOT USED BUT KEEP IN PROFILE.MAS FOR MODEL STREAM
CONTINUITY
1.00
&TOLLS8 NOT USED BUT KEEP IN PROFILE.MAS FOR MODEL STREAM
CONTINUITY
0.001
&TOLLS9 NOT USED BUT KEEP IN PROFILE.MAS FOR MODEL STREAM
CONTINUITY
0.00
&TOLLS10 NOT USED BUT KEEP IN PROFILE.MAS FOR MODEL STREAM
CONTINUITY
0.00
&TOLLS11 NOT USED BUT KEEP IN PROFILE.MAS FOR MODEL STREAM
CONTINUITY
0.00
&TOLLS12 NOT USED BUT KEEP IN PROFILE.MAS FOR MODEL STREAM
CONTINUITY
0.00
&TOLLS13 NOT USED BUT KEEP IN PROFILE.MAS FOR MODEL STREAM
CONTINUITY
0.00
&TOLLS14 NOT USED BUT KEEP IN PROFILE.MAS FOR MODEL STREAM
CONTINUITY
0.00
&TOLLS15 NOT USED BUT KEEP IN PROFILE.MAS FOR MODEL STREAM
CONTINUITY
0.00
&TOLLS16 NOT USED BUT KEEP IN PROFILE.MAS FOR MODEL STREAM
CONTINUITY
0.00
&TOLLS17 NOT USED BUT KEEP IN PROFILE.MAS FOR MODEL STREAM
CONTINUITY
0.00
&TOLLS18 NOT USED BUT KEEP IN PROFILE.MAS FOR MODEL STREAM
CONTINUITY
0.00
&TOLLS19 NOT USED BUT KEEP IN PROFILE.MAS FOR MODEL STREAM
CONTINUITY
0.00
&TOLLS20 NOT USED BUT KEEP IN PROFILE.MAS FOR MODEL STREAM
CONTINUITY

0.00
&SERVT1 NOT USED BUT KEEP IN PROFILE.MAS FOR MODEL STREAM
CONTINUITY
0.10
&SERVT2 NOT USED BUT KEEP IN PROFILE.MAS FOR MODEL STREAM
CONTINUITY
0.15
&SERVT3 NOT USED BUT KEEP IN PROFILE.MAS FOR MODEL STREAM
CONTINUITY
0.20
&SERVT4 NOT USED BUT KEEP IN PROFILE.MAS FOR MODEL STREAM
CONTINUITY
0.25
&SERVT5 NOT USED BUT KEEP IN PROFILE.MAS FOR MODEL STREAM
CONTINUITY
0.30
&SERVT6 NOT USED BUT KEEP IN PROFILE.MAS FOR MODEL STREAM
CONTINUITY
0.35
&SERVT7 NOT USED BUT KEEP IN PROFILE.MAS FOR MODEL STREAM
CONTINUITY
1.00
&SERVT8 NOT USED BUT KEEP IN PROFILE.MAS FOR MODEL STREAM
CONTINUITY
0.001
&SERVT9 NOT USED BUT KEEP IN PROFILE.MAS FOR MODEL STREAM
CONTINUITY
0.00
&SERVT10 NOT USED BUT KEEP IN PROFILE.MAS FOR MODEL STREAM
CONTINUITY
0.00
&SERVT11 NOT USED BUT KEEP IN PROFILE.MAS FOR MODEL STREAM
CONTINUITY
0.00
&SERVT12 NOT USED BUT KEEP IN PROFILE.MAS FOR MODEL STREAM
CONTINUITY
0.00
&SERVT13 NOT USED BUT KEEP IN PROFILE.MAS FOR MODEL STREAM
CONTINUITY
0.00
&SERVT14 NOT USED BUT KEEP IN PROFILE.MAS FOR MODEL STREAM
CONTINUITY
0.00
&SERVT15 NOT USED BUT KEEP IN PROFILE.MAS FOR MODEL STREAM
CONTINUITY
0.00
&SERVT16 NOT USED BUT KEEP IN PROFILE.MAS FOR MODEL STREAM
CONTINUITY
0.00
&SERVT17 NOT USED BUT KEEP IN PROFILE.MAS FOR MODEL STREAM
CONTINUITY
0.00
&SERVT18 NOT USED BUT KEEP IN PROFILE.MAS FOR MODEL STREAM
CONTINUITY
0.00
&SERVT19 NOT USED BUT KEEP IN PROFILE.MAS FOR MODEL STREAM
CONTINUITY

0.00
&SERVT20 NOT USED BUT KEEP IN PROFILE.MAS FOR MODEL STREAM
CONTINUITY
0.00
&MAXTIM
70
&ATITER NUMBER OF GMODEL ITERATIONS
10
&AOFAC1 AUTO OCC FOR HBW
0.7936
&AOFAC2 AUTO OCC FOR HBSH
0.5747
&AOFAC3 AUTO OCC FOR HBSR
0.5747
&AOFAC4 AUTO OCC FOR HBO
0.5747
&AOFAC5 AUTO OCC FOR NHB
0.5917
&UNCONNECT MAXIMUM TRANSIT TIME
255
&NUMFARE MAXIMUM NUMBER OF FARE CATEGORIES
8
&HOV SWITCH FOR HOV TYPE
TYPE1
&HOV1 IDENTIFIES HOV ONLY FACILITIES
HOV LINKS, LINK GROUP 2 = 80-89
&HOV2 IDENTIFIES NUMBER OF TRIP TABLES
SELECTED PURPOSES = 1-3
&HOV3 USED FOR REPORTING OF TRIP PURPOSES
ADD PURPOSES = 1-3
&HOV4 DELETED LINKS FOR HOV SKIMS
LINK GROUP 2 = 80-89
&HOV5 IDENTIFIES HOV ONLY FACILITIES
HOV1 LINKS, LINK GROUP 2 = 49
&HOV6 IDENTIFIES HOV ONLY FACILITIES
HOV2 LINKS, LINK GROUP 2 = 80-89
&PERIOD
24
&PLOTTER
HP7586
&PLOTPENS
8
&PLOTSIZE
30
&PAPER
NORMALD
&PLOTFAC
600
&DATA
DATA
&PLOTWIN
PLOTXY.STD
&PLOTWINA
PLOTXYA.STD
&PLOTWINB
PLOTXYB.STD
&PLOTWINC

PLOTXYC.STD
&PLOTWIND
PLOTXYD.STD
&PLOTWINE
PLOTXYE.STD
&PLOTWINF
PLOTXYF.STD
&PLOTWING
PLOTXYG.STD
&PLOTWINH
PLOTXYH.STD
&CHARHT
0.05
&NAMEB
SOUTH DADE (B)
&NAMEM
MIC/INTERCON (M)
&NAMEP
NORTH/BEACH CORR (P)
&NAMEQ
EAST/WEST CORRIDOR(Q)
&NAMER
DOWNTOWN MIAMI (R)
&NAMES
KENDALL/SOUTH CORR(S)
&NAMET
WEST CENTRAL AREA (T)
&NAMEU
NW/PALMETTO CORR (U)
&NAMEV
I95/NORTH CORRIDOR(V)
&NAMEZ
SUNPIKE/27TH AVE (Z)
&NAME1
SW (1)
&NAME2
NW (2)
&NAME3
NE (3)
&NAME4
SE (4)
&MAXUTIL
0.75
&QUEMAX
100
&QUELIM
4.9
&NUMFARE
9
&TOLLMF
TOLL FACILITIES MODEL
&MULTSQ
MULTIPLE SERVER QUEUES
&ACCUQT FLAG FOR USING TOLL FACILTIES MODEL
~ ACCUMULATE QUEUEING TIME
&GMTIME
TIME2

&CITYCODE
 MIA
 &TITLE
 2000 MTPM
 &MAXD Maximum sidewalk area around stations
 0.4
 &TERM Auto access terminal time (home end)
 2.0
 &DEF Default auto access time
 2.0
 &NOPT Usage check on second auto connector
 1
 &BACK Backtrack flag for auto connector
 1
 &AOC Auto operating costs
 9.5
 &OC3 Average 3+ auto occupancy
 3.20 3.20 3.20 3.20 Average park/ride auto occupancy
 &OCTA
 1.2 1.2 1.2
 &TASPD Average auto access speed
 26.0 26.0
 &MINRUN1 Minimum walk-to-local run time
 3.0
 &MINRUN2 Minimum walk-to-premium run time
 3.0
 &MINRUN3 Minimum auto-to-local run time
 30.0
 &MINRUN4 Minimum auto-to-premium run time
 6.0
 &INFL1 Transit fare inflation
 1.0
 &INFL2 Auto operating cost inflation
 1.0
 &INFL3 Parking cost inflation
 1.0
 &MSMIN Minimum mode split
 0.01 0.01 0.01
 &HOVUSE HOV usage flag
 3
 &HOVMIN HOV minimum time
 3.0
 &RAILAC Station walk access impedance flag
 0
 &VAL Validation summary flag
 0
 &KRFAC Kiss/ride additional impedance factor
 1.50
 &JITNEY Jitney flag (0=none, 1=base, 2=alt)
 1
 &VERS Model Version (1=standard FSUTMS, 2=Orlando 10 purposes)
 1
 &DEFMS Default Regional Mode Splits
 0.07770 0.02970 0.02970
 &DEFUPD Update Zonal Default Mode Splits (1=yes, 2=no)
 1
 &MAXTIM

70
 &TRIZONE TRI RAIL EXTERNAL ZONE
 1467
 &MAXTIME
 120
 &ROTANG
 270
 &PORTRAIT
 0
 &LANDSCAPE
 0
 &ROTANGW

&PLT
 plt
 &ASCII
 YES
 &DATABASE Optional entry to enable database capability
 NO
 &DBCOOUT When activated, writes database files for TASSIGN
 DBC OUTPUT, INET
 &MINUROADFAC Specifies minimum UROAD factor allowed (Optional)
 0.50
 &MAXUROADFAC Specifies maximum UROAD factor allowed
 1.00
 &MINCONFAC Specifies minimum CONFAC factor allowed
 0.04
 &MAXCONFAC Specifies maximum CONFAC factor allowed
 1.00
 &MINBPRCOEFF Specifies minimum BPR coefficient allowed
 0.0
 &MAXBPRCOEFF Specifies maximum BPR coefficient allowed
 1.00
 &MINBPREXP Specifies minimum BPR exponent allowed
 1.00
 &MAXBPREXP Specifies maximum BPR exponent allowed
 10.00
 &EMISTABLES Tables on HTTAB file for intrazonal emissions (default =
 1)
 1
 &ASCII Outputs file HRLDXY.ASC (similar to NETCARD output)
 YES
 &VFACTORS Required entry. YES must start in column one
 YES
 &DATABASE Optional entry to enable database capability
 NO
 &DBCOOUT When activated, writes database files for TASSIGN
 ~ DBC OUTPUT, INET
 &MINUROADFAC Specifies minimum UROAD factor allowed (Optional)
 0.50
 &MAXUROADFAC Specifies maximum UROAD factor allowed
 1.00
 &MINCONFAC Specifies minimum CONFAC factor allowed
 0.04
 &MAXCONFAC Specifies maximum CONFAC factor allowed
 1.00
 &MINBPRCOEFF Specifies minimum BPR coefficient allowed

0.0
&MAXBPRCOEFF Specifies maximum BPR coefficient allowed
1.00
&MINBPREXP Specifies minimum BPR exponent allowed
1.00
&MAXBPREXP Specifies maximum BPR exponent allowed
10.00
&EMISTABLES Tables on HTTAB file for intrazonal emissions (default =
1)
1
&ASCII Outputs file HRLDXY.ASC (similar to NETCARD output)
YES
&MODELCAP
~ MODEL CAPACITY
&COLORS
1,2,3,4,5,6,7,8
&ACTC REPORT TRANSIT TRIPS=0 for CENTERS, 1 FOR TAZs
1
&KTHROW ACTIVITY CENTER TEMP FILES, 1=KEEP, 0=DELETE
1
&STDZ2 STANDARD FSUTMSZ2, 1=TRUE, 0=RTA
1
&SELZONE SELECTED TAZ
1500
&DTBZERO
7000

YEAR 2030 EMIS.OUT

FLORIDA STANDARD URBAN TRANSPORTATION MODELING STRUCTURE --
 EMISSION MODEL FOR MOBILE 6 -- PROGRAM DATE: 16JAN02
 - RUN TIME: 14:12:03 16DEC04

 * MOBILE6.2 (31-Oct-2002) *
 * Input file: MOBILE6.IN (file 1, run 1). *

*These factors are for Southeast Florida only!

M603 Comment:

User has disabled the calculation of REFUELING emissions.

* #
 * SPEED = EPA default speed distribution
 * File 1, Run 1, Scenario 1.
 * #
 M 48 Warning:
 there are no sales for vehicle class HDGV8b
 M 48 Warning:
 there are no sales for vehicle class LDDT12

Calendar Year: 2030
 Month: July
 Altitude: Low
 Minimum Temperature: 69.3 (F)
 Maximum Temperature: 91.2 (F)
 Absolute Humidity: 100. grains/lb
 Nominal Fuel RVP: 7.8 psi
 Weathered RVP: 7.5 psi
 Fuel Sulfur Content: 30. ppm

Exhaust I/M Program: No
 Evap I/M Program: No
 ATP Program: No
 Reformulated Gas: No

LDDT	Vehicle Type: HDDV	LDGV MC	LDGT12	LDGT34	LDGT (All)	HDGV	LDDV
			All Veh GVWR:	<6000			
-----	-----	-----	-----	-----	-----	-----	-----
0.0022	0.2788	0.4388	0.1507		0.0365	0.0003	
0.0876	0.0051	1.0000					

Composite Emission Factors (g/mi):							
Composite VOC :		0.320	0.372	0.525	0.411	0.275	0.048
0.113	0.240	2.21	0.374				
Composite CO :		5.96	7.70	9.60	8.19	7.06	0.662
0.477	0.255	16.25	6.852				
Composite NOX :		0.213	0.293	0.438	0.330	0.189	0.028
0.128	0.618	1.06	0.321				

Year = 2030

Vehicle Type	VMT Distribution
LDGV	0.2788
LDGT12	0.4388
LDGT34	0.1507
LDGT	0.0000
HDGV	0.0365
LDDV	0.0003
LDGT	0.0022
HDDV	0.0876
MC	0.0051
All Veh	1.0000
 Speeds:	
	1.0 65.0
 VOC:	0.374
CO:	6.852
NOX:	0.321

INPUT CARD ECHO

INFO all reported values have been adjusted by EMISFAC = 0.9991

SCENARIO 1 MOBILE.TEM
 THE FOLLOWING IS A MATRIX WHICH ASSIGNS A SCENARIO TO EACH FT/AT COMBINATION
 AT=> 1 2 3 4 5

FT	1	2	3	4	5
1	1	1	1	1	1
2	1	1	1	1	1
3	1	1	1	1	1
4	1	1	1	1	1
5	1	1	1	1	1
6	1	1	1	1	1
7	1	1	1	1	1
8	1	1	1	1	1
9	1	1	1	1	1

INPUT COORDINATE SCALE(UNITS) FROM PROFILE.MAS IS 5280

INFO ALL REPORT VALUES ARE BEING ADJUSTED BY A FACTOR OF 0.9991

EMISSIONS IN GRAMS PER DAY

INFO all reported values have been adjusted by EMISFAC = 0.9991

- - - - -
 GEOGRAPHIC LOCATION NO 1

INFO all reported values have been adjusted by EMISFAC = 0.9991

FT	AT	VOC	CO	NOx
1	1	174672.	3200142.	149919.
1	2	45234.	828722.	38824.
1	3	2576815.	47209480.	2211650.

1	4	1824610.	33428410.	1566042.
1	5	127006.	2326858.	109008.
2	1	105762.	1937655.	90775.
2	2	6349.	116317.	5449.
2	3	4504577.	82527752.	3866228.
2	4	4138103.	75813592.	3551691.
2	5	277501.	5084063.	238176.
3	1	49838.	913074.	42775.
3	2	1201.	22010.	1031.
3	3	1264556.	23167746.	1085354.
3	4	648253.	11876537.	556388.
3	5	267122.	4893904.	229268.
4	1	52312.	958398.	44899.
4	2	4714.	86372.	4046.
4	3	2054563.	37641348.	1763406.
4	4	684202.	12535162.	587243.
4	5	293512.	5377380.	251918.
5	1	22984.	421090.	19727.
5	2	1845.	33808.	1584.
5	3	855000.	15664324.	733836.
5	4	541804.	9926313.	465024.
5	5	152423.	2792515.	130823.
6	1	144644.	2650008.	124147.
6	2	4117.	75433.	3534.
6	3	164144.	3007254.	140883.
6	4	245650.	4500525.	210839.
7	1	59757.	1094796.	51289.
7	2	16078.	294571.	13800.
7	3	407862.	7472377.	350063.
7	4	282950.	5183888.	242853.
7	5	28918.	529812.	24820.
8	3	467477.	8564570.	401230.
8	4	12216.	223816.	10485.
9	3	1835993.	33636968.	1575813.
9	4	261651.	4793672.	224572.
9	5	740641.	13569173.	635684.

GL TOTAL 25347058.464378144. 21755106.
 (TONS) 27.92 511.43 23.96

- - - - -
 GEOGRAPHIC LOCATION NO 2

INFO all reported values have been adjusted by EMISFAC = 0.9991

FT AT	VOC	CO	NOx
-------	-----	----	-----

GL TOTAL	0.	0.	0.
(TONS)	0.00	0.00	0.00

EMISSIONS IN GRAMS PER DAY

INFO all reported values have been adjusted by EMISFAC = 0.9991

- - - - -
GEOGRAPHIC LOCATION NO 3

INFO all reported values have been adjusted by EMISFAC = 0.9991

FT	AT	VOC	CO	NOx
1	3	35769.	655322.	30700.
2	3	585.	10713.	502.
2	4	29472.	539952.	25295.
3	3	31575.	578488.	27101.
3	5	12018.	220179.	10315.
4	3	24749.	453422.	21242.
4	4	9696.	177636.	8322.
4	5	1431.	26210.	1228.
5	3	1089.	19956.	935.
5	5	8.	149.	7.
6	1	6474.	118615.	5557.
6	3	5823.	106689.	4998.
7	3	9873.	180877.	8474.
7	4	3350.	61370.	2875.
9	3	151214.	2770374.	129785.
9	4	1117.	20471.	959.
GL TOTAL		324244.	5940423.	278295.
(TONS)		0.36	6.54	0.31

EMISSIONS IN GRAMS PER DAY

INFO all reported values have been adjusted by EMISFAC = 0.9991

- - - - -
ALL GEOGRAPHIC LOCATIONS

FT	AT	VOC	CO	NOx
1	1	174672.	3200142.	149919.
1	2	45234.	828722.	38824.
1	3	2612584.	47864804.	2242350.
1	4	1824610.	33428410.	1566042.
1	5	127006.	2326858.	109008.
2	1	105762.	1937655.	90775.
2	2	6349.	116317.	5449.
2	3	4505162.	82538464.	3866730.
2	4	4167576.	76353536.	3576986.
2	5	277501.	5084063.	238176.
3	1	49838.	913074.	42775.
3	2	1201.	22010.	1031.
3	3	1296131.	23746234.	1112455.
3	4	648253.	11876537.	556388.
3	5	279140.	5114083.	239583.

4	1	52312.	958398.	44899.
4	2	4714.	86372.	4046.
4	3	2079312.	38094780.	1784648.
4	4	693898.	12712798.	595565.
4	5	294942.	5403591.	253145.
5	1	22984.	421090.	19727.
5	2	1845.	33808.	1584.
5	3	856089.	15684279.	734771.
5	4	541804.	9926313.	465024.
5	5	152431.	2792664.	130830.
6	1	151119.	2768623.	129703.
6	2	4117.	75433.	3534.
6	3	169967.	3113944.	145881.
6	4	245650.	4500525.	210839.
7	1	59757.	1094796.	51289.
7	2	16078.	294571.	13800.
7	3	417735.	7653254.	358537.
7	4	286300.	5245258.	245728.
7	5	28918.	529812.	24820.
8	3	467477.	8564570.	401230.
8	4	12216.	223816.	10485.
9	3	1987207.	36407368.	1705599.
9	4	262768.	4814142.	225531.
9	5	740641.	13569173.	635684.
SUM		25671296.	470318560.	22033398.
(TONS)		28.27	517.97	24.27

EMISSIONS IN GRAMS PER DAY

INFO all reported values have been adjusted by EMISFAC = 0.9991

FACILITY			
TYPE	VOC	CO	NOx
1	4784110.	87648920.	4106146.
2	9062335.	166029952.	7778120.
3	2274561.	41671984.	1952233.
4	3125179.	57255884.	2682299.
5	1575154.	28858154.	1351939.
6	570853.	10458530.	489957.
7	808788.	14817698.	694174.
8	479693.	8788384.	411715.
9	2990617.	54790672.	2566815.
SUM	25671296.	470318560.	22033398.
(TONS)	28.27	517.97	24.27

AREA			
TYPE	VOC	CO	NOx
1	616444.	11293791.	529087.
2	79539.	1457232.	68268.
3	14391678.	263667760.	12352200.

4	8683074.159081472.	7452584.
5	1900580.34820256.	1631246.
SUM	25671296.470318560.	22033398.
(TONS)	28.27	517.97
		24.27

NUMBER LANES	VOC	CO	NOx
1	5248284. 96152912.	4504562.	
2	7813181.143144432.	6705974.	
3	7704917.141160848.	6613050.	
4	2855324. 52312068.	2450694.	
5	1701366. 31170486.	1460264.	
6	343324. 6289992.	294671.	
7	4889. 89565.	4196.	
SUM	25671296.470318560.	22033398.	
(TONS)	28.27	517.97	24.27

DAILY VEHICLE MILES

INFO all reported values have been adjusted by EMISFAC = 0.9991

DAILY VMT - GEOGRAPHIC LOCATION NO 1:

INFO all reported values have been adjusted by EMISFAC = 0.9991

FT	AREA TYPES					TOTAL
	1	2	3	4	5	
1	467038.	120946.	6889883.	4878636.	339588.	12696091.
2	282787.	16976.	12044341.	11064454.	741982.	24150538.
3	133256.	3212.	3381164.	1733294.	714230.	5965158.
4	139871.	12605.	5493488.	1829416.	784791.	8260172.
5	61455.	4934.	2286096.	1448674.	407548.	4208707.
6	386749.	11009.	438887.	656819.	0.	1493465.
7	159778.	42990.	1090540.	756551.	77322.	2127182.
8	0.	0.	1249937.	32664.	0.	1282601.
9	0.	0.	4909077.	699602.	1980323.	7589002.

GL TOTAL 1630936. 212672. 37783388. 23100068. 5045786. 67772848.

DAILY VMT - GEOGRAPHIC LOCATION NO 2:

INFO all reported values have been adjusted by EMISFAC = 0.9991

FT	AREA TYPES					TOTAL
	1	2	3	4	5	
1	0.	0.	0.	0.	0.	0.
2	0.	0.	0.	0.	0.	0.
3	0.	0.	0.	0.	0.	0.
4	0.	0.	0.	0.	0.	0.

5	0.	0.	0.	0.	0.	0.
6	0.	0.	0.	0.	0.	0.
7	0.	0.	0.	0.	0.	0.
8	0.	0.	0.	0.	0.	0.
9	0.	0.	0.	0.	0.	0.
GL TOTAL	0.	0.	0.	0.	0.	0.

DAILY VMT - GEOGRAPHIC LOCATION NO 3:

INFO all reported values have been adjusted by EMISFAC = 0.9991

----- AREA TYPES -----						
FT	1	2	3	4	5	TOTAL
1	0.	0.	95639.	0.	0.	95639.
2	0.	0.	1563.	78802.	0.	80366.
3	0.	0.	84426.	0.	32134.	116560.
4	0.	0.	66174.	25925.	3825.	95924.
5	0.	0.	2912.	0.	22.	2934.
6	17311.	0.	15571.	0.	0.	32882.
7	0.	0.	26398.	8957.	0.	35354.
8	0.	0.	0.	0.	0.	0.
9	0.	0.	404316.	2988.	0.	407304.
GL TOTAL	17311.	0.	696999.	116671.	35980.	866962.

DAILY VEHICLE MILES

INFO all reported values have been adjusted by EMISFAC = 0.9991

----- ALL GEOGRAPHIC LOCATIONS -----						
----- AREA TYPES -----						
FT	1	2	3	4	5	TOTAL
1	467038.	120946.	6985522.	4878636.	339588.	12791730.
2	282787.	16976.	12045905.	11143254.	741982.	24230902.
3	133256.	3212.	3465591.	1733294.	746363.	6081718.
4	139871.	12605.	5559662.	1855341.	788616.	8356096.
5	61455.	4934.	2289009.	1448674.	407569.	4211642.
6	404060.	11009.	454458.	656819.	0.	1526346.
7	159778.	42990.	1116938.	765508.	77322.	2162536.
8	0.	0.	1249937.	32664.	0.	1282601.
9	0.	0.	5313394.	702589.	1980323.	7996306.
TOTAL	1648247.	212672.	38480396.	23216740.	5081766.	68639824.

DAILY VMT
FACILITY
TYPE

1	12791734.
2	24230836.

3 6081720.
 4 8356096.
 5 4211640.
 6 1526347.
 7 2162536.
 8 1282601.
 9 7996303.

TOTAL 68639656.

DAILY VMT
AREA
TYPE

1 1648247.
 2 212672.
 3 38480396.
 4 23216740.
 5 5081766.

TOTAL 68639656.

DAILY VMT
NUMBER
LANES

1 14032892.
 2 20890824.
 3 20601376.
 4 7634566.
 5 4549106.
 6 917979.
 7 13071.

TOTAL 68639656.

DAILY VEHICLE HOURS

INFO all reported values have been adjusted by EMISFAC = 0.9991

DAILY VHT - GEOGRAPHIC LOCATION NO 1

INFO all reported values have been adjusted by EMISFAC = 0.9991

FT	AREA TYPES					TOTAL
	1	2	3	4	5	
1	19430.	3519.	479327.	216322.	166793.	885390.
2	24629.	616.	748687.	815146.	23783.	1612861.
3	9842.	161.	208926.	126465.	17001.	362395.
4	10452.	1293.	320601.	122499.	25402.	480247.
5	6090.	395.	136329.	94804.	10614.	248232.
6	34870.	807.	24149.	46176.	0.	106002.

7	12198.	1735.	82440.	49398.	3093.	148865.
8	0.	0.	40976.	1090.	0.	42066.
9	0.	0.	212536.	25302.	47124.	284961.

GL TOTAL 117511. 8526. 2253963. 1497200. 293810. 4171010.

DAILY VHT - GEOGRAPHIC LOCATION NO 2

INFO all reported values have been adjusted by EMISFAC = 0.9991

FT	AREA TYPES					TOTAL
	1	2	3	4	5	
1	0.	0.	0.	0.	0.	0.
2	0.	0.	0.	0.	0.	0.
3	0.	0.	0.	0.	0.	0.
4	0.	0.	0.	0.	0.	0.
5	0.	0.	0.	0.	0.	0.
6	0.	0.	0.	0.	0.	0.
7	0.	0.	0.	0.	0.	0.
8	0.	0.	0.	0.	0.	0.
9	0.	0.	0.	0.	0.	0.
GL TOTAL	0.	0.	0.	0.	0.	0.

DAILY VHT - GEOGRAPHIC LOCATION NO 3

INFO all reported values have been adjusted by EMISFAC = 0.9991

FT	AREA TYPES					TOTAL
	1	2	3	4	5	
1	0.	0.	2203.	0.	0.	2203.
2	0.	0.	39.	3397.	0.	3436.
3	0.	0.	6263.	0.	857.	7120.
4	0.	0.	3047.	1472.	100.	4619.
5	0.	0.	181.	0.	1.	182.
6	1341.	0.	422.	0.	0.	1763.
7	0.	0.	1600.	308.	0.	1908.
8	0.	0.	0.	0.	0.	0.
9	0.	0.	22440.	124.	0.	22564.
GL TOTAL	1341.	0.	36195.	5301.	958.	43795.

DAILY VEHICLE HOURS

INFO all reported values have been adjusted by EMISFAC = 0.9991

DAILY VHT - ALL GEOGRAPHIC LOCATIONS

FT	AREA TYPES					TOTAL
	1	2	3	4	5	
1	19430.	3519.	481530.	216322.	166793.	887593.
2	24629.	616.	748726.	818543.	23783.	1616297.
3	9842.	161.	215189.	126465.	17858.	369515.
4	10452.	1293.	323648.	123971.	25502.	484866.
5	6090.	395.	136510.	94804.	10614.	248414.
6	36211.	807.	24571.	46176.	0.	107765.
7	12198.	1735.	84040.	49706.	3093.	150772.
8	0.	0.	40976.	1090.	0.	42066.
9	0.	0.	234976.	25426.	47124.	307526.
TOTAL	118852.	8526.	2290157.	1502501.	294768.	4214804.

DAILY VHT
FACILITY
TYPE

1	887593.
2	1616296.
3	369515.
4	484866.
5	248414.
6	107765.
7	150772.
8	42066.
9	307526.
TOTAL	4214812.

DAILY VHT
AREA
TYPE

1	118852.
2	8526.
3	2290157.
4	1502501.
5	294768.
TOTAL	4214812.

DAILY VHT
NUMBER
LANES

1 933631.
 2 1214945.
 3 1194763.
 4 673982.
 5 133059.
 6 44851.
 7 19585.

TOTAL 4214812.

AVERAGE CONGESTED SPEED (mph)

INFO all reported values have been adjusted by EMISFAC = 0.9991

- - - - - AVERAGE SPEED - GEOGRAPHIC LOCATION NO 1

INFO all reported values have been adjusted by EMISFAC = 0.9991

----- AREA TYPES -----

FT	1	2	3	4	5
1	24.04	34.37	14.37	22.55	2.04
2	11.48	27.55	16.09	13.57	31.20
3	13.54	19.92	16.18	13.71	42.01
4	13.38	9.75	17.13	14.93	30.90
5	10.09	12.50	16.77	15.28	38.40
6	11.09	13.64	18.17	14.22	0.00
7	13.10	24.77	13.23	15.32	25.00
8	0.00	0.00	30.50	29.95	0.00
9	0.00	0.00	23.10	27.65	42.02
GL TOTAL	13.88	24.94	16.76	15.43	17.17

- - - - - AVERAGE SPEED - GEOGRAPHIC LOCATION NO 2

INFO all reported values have been adjusted by EMISFAC = 0.9991

----- AREA TYPES -----

FT	1	2	3	4	5
1	0.00	0.00	0.00	0.00	0.00
2	0.00	0.00	0.00	0.00	0.00
3	0.00	0.00	0.00	0.00	0.00
4	0.00	0.00	0.00	0.00	0.00
5	0.00	0.00	0.00	0.00	0.00
6	0.00	0.00	0.00	0.00	0.00
7	0.00	0.00	0.00	0.00	0.00
8	0.00	0.00	0.00	0.00	0.00
9	0.00	0.00	0.00	0.00	0.00
GL TOTAL	0.00	0.00	0.00	0.00	0.00

- - - - - AVERAGE SPEED - GEOGRAPHIC LOCATION NO 3

INFO all reported values have been adjusted by EMISFAC = 0.9991

FT	----- AREA TYPES -----				
	1	2	3	4	5
1	0.00	0.00	43.41	0.00	0.00
2	0.00	0.00	40.61	23.20	0.00
3	0.00	0.00	13.48	0.00	37.50
4	0.00	0.00	21.72	17.62	38.10
5	0.00	0.00	16.07	0.00	25.00
6	12.91	0.00	36.87	0.00	0.00
7	0.00	0.00	16.50	29.09	0.00
8	0.00	0.00	0.00	0.00	0.00
9	0.00	0.00	18.02	24.00	0.00
GL TOTAL	12.91	0.00	19.26	22.01	37.55

AVERAGE CONGESTED SPEED (mph)

INFO all reported values have been adjusted by EMISFAC = 0.9991

FT	----- AREA TYPES -----				
	1	2	3	4	5
1	24.04	34.37	14.51	22.55	2.04
2	11.48	27.55	16.09	13.61	31.20
3	13.54	19.92	16.10	13.71	41.79
4	13.38	9.75	17.18	14.97	30.92
5	10.09	12.50	16.77	15.28	38.40
6	11.16	13.64	18.50	14.22	0.00
7	13.10	24.77	13.29	15.40	25.00
8	0.00	0.00	30.50	29.95	0.00
9	0.00	0.00	22.61	27.63	42.02
TOTAL	13.87	24.94	16.80	15.45	17.24

AVERAGE SPEED

FACILITY TYPE

1	14.41
2	14.99
3	16.46
4	17.23
5	16.95
6	14.16
7	14.34
8	30.49
9	26.00
TOTAL	16.29

AVERAGE SPEED

AREA

TYPE

1	13.87
2	24.94
3	16.80
4	15.45
5	17.24
TOTAL	16.29

AVERAGE SPEED

NUMBER

LANES

1	15.03
2	17.19
3	17.24
4	11.33
5	34.19
6	20.47
7	0.67
TOTAL	16.29

YEAR 2030 HEVAL.OUT

FLORIDA D.O.T.
PAGE NO. 1
FSUTMS
DATE 14DEC04
VER 5.50
TIME 18:37:54

miami

HIGHWAY ASSIGNMENT

"HELABELS.SYN" CONTENTS:

LABEL FT 11	1	1	FREEWAY	FREEWAY
LABEL FT 12	1	1		
LABEL FT 15	1	1		
LABEL FT 16	1	1		
LABEL FT 17	1	1		
LABEL FT 21	2	2	D. ART	DIV. ARTERIAL
LABEL FT 22	2	2		
LABEL FT 23	2	2		
LABEL FT 24	2	2		
LABEL FT 25	2	2		
LABEL FT 31	3	3	U. ART	UNDIV. ARTERIAL
LABEL FT 32	3	3		
LABEL FT 33	3	3		
LABEL FT 34	3	3		
LABEL FT 35	3	3		
LABEL FT 36	3	3		
LABEL FT 37	3	3		
LABEL FT 38	3	3		
LABEL FT 41	4	4	COLLCTR	COLLECTOR
LABEL FT 42	4	4		
LABEL FT 43	4	4		
LABEL FT 44	4	4		
LABEL FT 45	4	4		
LABEL FT 46	4	4		
LABEL FT 47	4	4		
LABEL FT 48	4	4		
LABEL FT 51	5	5	LOCAL	CENTROID CONN.
LABEL FT 52	5	5		
LABEL FT 61	6	6	1 WAY	ONE WAY
LABEL FT 62	6	6		
LABEL FT 63	6	6		
LABEL FT 64	6	6		
LABEL FT 65	6	6		
LABEL FT 66	6	6		
LABEL FT 67	6	6		
LABEL FT 68	6	6		
LABEL FT 71	7	7	RAMP	RAMPS
LABEL FT 72	7	7		
LABEL FT 73	7	7		
LABEL FT 74	7	7		
LABEL FT 75	7	7		
LABEL FT 76	7	7		
LABEL FT 77	7	7		
LABEL FT 78	7	7		
LABEL FT 79	7	7		
LABEL FT 81	8	8	HOV	HOV
LABEL FT 82	8	8		
LABEL FT 83	8	8		
LABEL FT 84	8	8		

"HELABELS.SYN" CONTENTS:

LABEL	FT	85	8	8	
LABEL	FT	86	8	8	
LABEL	FT	87	8	8	
LABEL	FT	88	8	8	
LABEL	FT	89	8	8	
LABEL	FT	91	9	9 TOLL	TOLL
LABEL	FT	92	9	9	
LABEL	FT	93	9	9	
LABEL	FT	94	9	9	
LABEL	FT	95	9	9	
LABEL	FT	96	9	9	
LABEL	FT	97	9	9	
LABEL	FT	98	9	9	
LABEL	FT	99	9	9	
LABEL	AT	11	1	1 CBD	CBD
LABEL	AT	12	1	1	
LABEL	AT	13	1	1	
LABEL	AT	14	1	1	
LABEL	AT	21	2	2 FRINGE	FRINGE
LABEL	AT	31	3	3 RESID.	RESIDENTIAL
LABEL	AT	32	3	3	
LABEL	AT	33	3	3	
LABEL	AT	34	3	3	
LABEL	AT	41	4	4 OBD	OBD
LABEL	AT	42	4	4	
LABEL	AT	43	4	4	
LABEL	AT	44	4	4	
LABEL	AT	51	5	5 RURAL	RURAL
LABEL	AT	52	5	5	

FACILITY TYPES SELECTED:

FACILITY TYPES SKIPPED:

1	2	3	4	5	6	7	8	9	10
11	12	13	14	15	16	17	18	19	20
21	22	23	24	25	26	27	28	29	30
31	32	33	34	35	36	37	38	39	40
41	42	43	44	45	46	47	48	49	50
51	52	53	54	55	56	57	58	59	60
61	62	63	64	65	66	67	68	69	70
71	72	73	74	75	76	77	78	79	80
81	82	83	84	85	86	87	88	89	90
91	92	93	94	95	96	97	98	99	

AREA TYPES SELECTED:

1	2	3	4	5	6	7	8	9	10
11	12	13	14	15	16	17	18	19	20
21	22	23	24	25	26	27	28	29	30
31	32	33	34	35	36	37	38	39	40
41	42	43	44	45	46	47	48	49	50
51	52	53	54	55	56	57	58	59	60
61	62	63	64	65	66	67	68	69	70
71	72	73	74	75	76	77	78	79	80
81	82	83	84	85	86	87	88	89	90
91	92	93	94	95	96	97	98	99	

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***** * ***** * ***** * ***** * ***** * ***** * ***** * *** * *
*   *   *   *   *   *   *   *   *   *   *   *   *   *   *   *   *   *   *
*   *   *   *   *   *   *   *   *   *   *   *   *   *   *   *   *   *   *
*   *   *   *   *   *   *   *   *   *   *   *   *   *   *   *   *   *   *
***** * ***** * ***** *   *   *   *   *   *   *   *   *   *   *   *   *   *
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HEVAL MODULE (D5520931.DRIVER.SETUP.FORT(HEVAL))

A GENERAL PURPOSE HIGHWAY EVALUATION PROGRAM DESIGNED TO PROVIDE THE TRANSPORTATION PLANNER WITH A TOOL TO EVALUATE A HIGHWAY ASSIGNMENT. THE PROGRAM OPERATES IN TWO MODES. ONE MODE ALLOWS THE USER TO PRINT A VARIETY OF REPORTS DESIGNED TO ASSIST IN THE TASK OF MODEL VALIDATION. THIS MODE IS REFERRED TO INTERNALLY AS VALIDATION AND IS SET BY THE USER WITH A STATEMENT - "VALIDATE=T" THE OTHER MODE IS AS AN ASSIGNMENT ANALYSIS TOOL. THIS MODE IS GENERALLY USED FOR ASSIGNMENTS TO FUTURE YEAR NETWORKS. THIS MODE IS SET BY THE USER WITH A STATEMENT "ANALYSIS=T".

INPUT DATA FOR THIS RUN:

USES HRLDXY FILE AS DATA SOURCE
RATES=1979 UROAD AND CUTS RATES

OUTPUT DATA SETS FOR THIS RUN:

PRINTOUT ONLY

DATE AND TIME OF THIS RUN:

14DEC04 (DDMMYY) 18:37:54 (HH.MM.SS)

TYPE OF RUN:

ANALYSIS

FACILITY AND AREA TYPES AS DEFINED IN THE HNET MODULE:

FACILITY TYPE 1 - FREEWAYS
FACILITY TYPE 2 - EXPRESSWAYS AND DIVIDED ARTERIALS
FACILITY TYPE 3 - UNDIVIDED ARTERIALS
FACILITY TYPE 4 - COLLECTORS
FACILITY TYPE 5 - LOCALS (CENTROID CONNECTORS) - NOT INCLUDED
FACILITY TYPE 6 - ONE WAYS
FACILITY TYPE 8 - HOV LINKS
FACILITY TYPE 9 - TOLL RAMPS

AREA TYPE 1 - CBD
AREA TYPE 2 - FRINGE
AREA TYPE 3 - RESIDENTIAL
AREA TYPE 4 - OBD
AREA TYPE 5 - RURAL

LANE VALUES REPORTED ARE TRUE LANE VALUES.

THE FOLLOWING RATES ARE USED IN THE VARIOUS CALCULATIONS:

ACCIDENT RATES: FREEWAYS - 1.060 PER MILLION VEHICLE MILES
ARTERIALS - 5.830 PER MILLION VEHICLE MILES
LOCALS - 8.630 PER MILLION VEHICLE MILES

INJURY RATES : FREEWAYS - 0.730 PER MILLION VEHICLE MILES
ARTERIALS - 3.850 PER MILLION VEHICLE MILES
LOCALS - 3.490 PER MILLION VEHICLE MILES

FATALITY RATES: FREEWAYS - 0.009 PER MILLION VEHICLE MILES
 ARTERIALS - 0.019 PER MILLION VEHICLE MILES
 LOCALS - 0.018 PER MILLION VEHICLE MILES

***	****	****	*	*	*	****	*****	*****	***	*	*	****
*	*	*	*	*	*	**	**	*	*	*	*	*
*****	***	***	*	*	*	*	*****	*	*	*	*	***
*	*	*	*	*	*	*	*	*	*	*	*	*
*	*	****	****	***	*	*	*	*	*****	***	*	***

CARBON MONOXIDE EMISSIONS (GRAMS PER VEHICLE MILE)												
SPEED			FT 1	FT 2	FT 3	FT 4	FT 5	FT 6	FT 7	FT 8	FT 9	
3	LT 20	3	37.73	37.73	37.73	37.73	37.73	37.73	37.73	37.73	37.73	
37.73	37.73	3										
3	20 - 25	3	27.77	27.77	27.77	27.77	27.77	27.77	27.77	27.77	27.77	
27.77	27.77	3										
3	25 - 30	3	21.82	21.82	21.82	21.82	21.82	21.82	21.82	21.82	21.82	
21.82	21.82	3										
3	30 - 35	3	17.72	17.72	17.72	17.72	17.72	17.72	17.72	17.72	17.72	
17.72	17.72	3										
3	35 - 40	3	14.74	14.74	14.74	14.74	14.74	14.74	14.74	14.74	14.74	
14.74	14.74	3										
3	40 - 45	3	12.49	12.49	12.49	12.49	12.49	12.49	12.49	12.49	12.49	
12.49	12.49	3										
3	45 - 50	3	10.76	10.76	10.76	10.76	10.76	10.76	10.76	10.76	10.76	
10.76	10.76	3										
3	50 - 55	3	10.64	10.64	10.64	10.64	10.64	10.64	10.64	10.64	10.64	
10.64	10.64	3										
3	55 - 60	3	12.84	12.84	12.84	12.84	12.84	12.84	12.84	12.84	12.84	
12.84	12.84	3										
3	GE 60	3	17.23	17.23	17.23	17.23	17.23	17.23	17.23	17.23	17.23	
17.23	17.23	3										

HYDROCARBON EMISSIONS (GRAMS PER VEHICLE MILES)												
SPEED			FT 1	FT 2	FT 3	FT 4	FT 5	FT 6	FT 7	FT 8	FT 9	
3	LT 20	3	2.30	2.30	2.30	2.30	2.30	2.30	2.30	2.30	2.30	
2.30	2.30	3										
3	20 - 25	3	1.73	1.73	1.73	1.73	1.73	1.73	1.73	1.73	1.73	
1.73	1.73	3										
3	25 - 30	3	1.47	1.47	1.47	1.47	1.47	1.47	1.47	1.47	1.47	
1.47	1.47	3										
3	30 - 35	3	1.29	1.29	1.29	1.29	1.29	1.29	1.29	1.29	1.29	
1.29	1.29	3										
3	35 - 40	3	1.16	1.16	1.16	1.16	1.16	1.16	1.16	1.16	1.16	
1.16	1.16	3										

³	40	-	45	³	1.05	1.05	1.05	1.05	1.05	1.05	1.05
1.05			1.05	³							
³	45	-	50	³	0.97	0.97	0.97	0.97	0.97	0.97	0.97
0.97			0.97	³							
³	50	-	55	³	0.95	0.95	0.95	0.95	0.95	0.95	0.95
0.95			0.95	³							
³	55	-	60	³	0.98	0.98	0.98	0.98	0.98	0.98	0.98
0.98			0.98	³							
³	GE	60	³	1.07	1.07	1.07	1.07	1.07	1.07	1.07	1.07
1.07		1.07	³								

OXIDES OF NITROGEN EMISSIONS (GRAMS PER VEHICLE MILE)

³	SPEED	³	FT	1	³	FT	2	³	FT	3	³	FT	4	³	FT	5	³	FT	6	³	FT	7	³	
FT	8	³	FT	9	³																			
³		³			³			³			³			³			³			³			³	
³		³			³			³			³			³			³			³			³	
³	LT	20	³	1.99		1.99		1.99		1.99		1.99		1.99		1.99		1.99		1.99		1.99		1.99
1.99		1.99	³																					
³	20	-	25	³	1.89		1.89		1.89		1.89		1.89		1.89		1.89		1.89		1.89		1.89	
1.89		1.89	³																					
³	25	-	30	³	1.88		1.88		1.88		1.88		1.88		1.88		1.88		1.88		1.88		1.88	
1.88		1.88	³																					
³	30	-	35	³	1.89		1.89		1.89		1.89		1.89		1.89		1.89		1.89		1.89		1.89	
1.89		1.89	³																					
³	35	-	40	³	1.91		1.91		1.91		1.91		1.91		1.91		1.91		1.91		1.91		1.91	
1.91		1.91	³																					
³	40	-	45	³	1.94		1.94		1.94		1.94		1.94		1.94		1.94		1.94		1.94		1.94	
1.94		1.94	³																					
³	45	-	50	³	1.99		1.99		1.99		1.99		1.99		1.99		1.99		1.99		1.99		1.99	
1.99		1.99	³																					
³	50	-	55	³	2.25		2.25		2.25		2.25		2.25		2.25		2.25		2.25		2.25		2.25	
2.25		2.25	³																					
³	55	-	60	³	2.56		2.56		2.56		2.56		2.56		2.56		2.56		2.56		2.56		2.56	
2.56		2.56	³																					
³	GE	60	³	2.92		2.92		2.92		2.92		2.92		2.92		2.92		2.92		2.92		2.92		2.92
2.92		2.92	³																					

FUEL USE (GALLONS PER MILE)

EVAL USES CONSTRUCTION CODES TO CALCULATE NEW AND IMPROVED LANE MILES AND CONSTRUCTION COSTS. THE CODE DEFINITIONS ARE:

CODE

- 1 - ADD 2 LANES, FT REMAINS SAME (ONE WAY - ADD 1 LANE)
 - 2 - ADD 4 LANES, FT REMAINS SAME (ONE WAY - ADD 2 LANES)
 - 3 - ADD 6 LANES, FT REMAINS SAME (ONE WAY - ADD 3 LANES)
 - 4 - ADD 2 LANES, UPGRADE FT BY 1
 - 5 - ADD 2 LANES, UPGRADE FT BY 2
 - 6 - ADD 4 LANES, UPGRADE FT BY 1
 - 7 - NEW CONSTRUCTION - 2 LANES (ONE WAY - 1 LANE)
 - 8 - NEW CONSTRUCTION - 4 LANES (ONE WAY - 2 LANES)
 - 9 - NEW CONSTRUCTION - 6 LANES (ONE WAY - 3 LANES)
 - 0 - NO NEW CONSTRUCTION

CONSTRUCTION COST : THOUSAND DOLLARS PER MILE

		FT 3	FT 3	FT 1	FT 3	FT 2	FT 3	FT 3	FT 4	FT 3	FT 5	FT 3	FT 6	FT 3	FT 7	FT 3
FT 8	3	FT 9	3	CODE	3		3		3		3		3		3	
1901.00	1901.00	1901.00	3	3	2628.00	2628.00	3	2713.00	2713.00	3	2059.00	2059.00	3	2628.00	2628.00	3
2628.00	2628.00	2628.00	3	3	2713.00	2713.00	3	2713.00	2713.00	3	2059.00	2059.00	3	2628.00	2628.00	3
2713.00	2713.00	2713.00	3	4	0.00	0.00	3	0.00	0.00	3	0.00	0.00	3	0.00	0.00	3
0.00	0.00	0.00	3	5	0.00	0.00	3	0.00	0.00	3	0.00	0.00	3	0.00	0.00	3
0.00	0.00	0.00	3	6	0.00	0.00	3	0.00	0.00	3	0.00	0.00	3	0.00	0.00	3
0.00	0.00	0.00	3	7	0.00	0.00	3	0.00	0.00	3	0.00	0.00	3	0.00	0.00	3
0.00	0.00	0.00	3	8	2059.00	2059.00	3	2059.00	2059.00	3	2628.00	2628.00	3	2628.00	2628.00	3
2059.00	2059.00	2059.00	3	9	2628.00	2628.00	3	2628.00	2628.00	3	2218.00	2218.00	3	2218.00	2218.00	3
2628.00	2628.00	2628.00	3													

HIGHWAY EVALUATION -- YEAR/ALT (c30) -- REPORT: TOTAL SYSTEM MILES

	CBD	FRINGE	RESID.	OBD	RURAL	Total
FREEWAY	6.14	1.68	92.72	56.07	2.03	158.64
D. ART	6.45	0.47	286.67	218.48	25.19	537.26
U. ART	5.94	0.20	157.37	50.63	57.48	271.62
COLLCTR	7.40	0.85	363.85	89.36	139.58	601.04
1 WAY	23.44	1.18	24.40	34.36	0.00	83.38
RAMP	7.00	1.89	60.17	38.22	3.62	110.90
HOV	0.00	0.00	83.93	3.28	0.00	87.21
TOLL	0.00	0.00	111.23	17.74	38.66	167.63
Totals	56.37	6.27	1180.34	508.14	266.56	2017.68

HIGHWAY EVALUATION -- YEAR/ALT (c30) -- REPORT: TOTAL LANE MILES

	CBD	FRINGE	RESID.	OBD	RURAL	Total
FREEWAY	21.36	5.72	329.20	209.26	10.40	575.94
D. ART	28.29	2.32	1318.37	1086.06	102.48	2537.52
U. ART	17.31	0.40	401.32	177.97	162.92	759.92
COLLCTR	20.89	1.70	942.15	277.12	311.48	1553.34
1 WAY	52.83	2.53	59.65	87.52	0.00	202.53
RAMP	10.27	3.06	88.24	56.02	6.75	164.34
HOV	0.00	0.00	103.85	3.28	0.00	107.13
TOLL	0.00	0.00	345.33	39.96	143.49	528.78
Totals	150.95	15.73	3588.11	1937.19	737.52	6429.50

HIGHWAY EVALUATION -- YEAR/ALT (c30) -- REPORT: TOTAL DIRECTIONAL SYSTEM MILES

	CBD	FRINGE	RESID.	OBD	RURAL	Total
FREEWAY	6.14	1.68	97.13	56.07	2.60	163.62
D. ART	12.90	0.94	573.34	436.96	50.38	1074.52
U. ART	11.86	0.40	314.74	101.26	114.96	543.22
COLLCTR	14.80	1.70	727.70	178.33	279.16	1201.69
1 WAY	23.44	1.18	24.40	34.36	0.00	83.38
RAMP	7.00	1.89	61.89	38.48	3.62	112.88
HOV	0.00	0.00	83.93	3.28	0.00	87.21
TOLL	0.00	0.00	111.64	17.74	38.66	168.04
Totals	76.14	7.79	1994.77	866.48	489.38	3434.56

HIGHWAY EVALUATION -- YEAR/ALT (c30) -- REPORT: AVERAGE LINK LENGTH USING SYSTEM MILES

	CBD	FRINGE	RESID.	OBD	RURAL	Total
FREEWAY	0.16	0.13	0.31	0.31	0.41	0.30
D. ART	0.11	0.09	0.25	0.20	0.42	0.22
U. ART	0.10	0.10	0.27	0.20	0.69	0.28
COLLCTR	0.09	0.08	0.26	0.22	0.48	0.27
1 WAY	0.08	0.07	0.22	0.22	0.00	0.14
RAMP	0.10	0.09	0.12	0.09	0.11	0.11
HOV	0.00	0.00	0.21	0.15	0.00	0.21
TOLL	0.00	0.00	0.23	0.24	0.45	0.26
Totals	0.09	0.09	0.24	0.19	0.48	0.23

HIGHWAY EVALUATION -- YEAR/ALT (c30) -- REPORT: TOTAL VMT USING VOLUMES ON LINKS WITH CAPACITIES

	CBD	FRINGE	RESID.	OBD	RURAL	Total
FREEWAY	467468	121057	6991955	4883129	339901	12803509
D. ART	283047	16991	12056987	11153513	742666	24253202
U. ART	133379	3215	3468784	1734891	747051	6087320
COLLCTR	140000	12617	5564775	1857051	789342	8363784
1 WAY	404433	11019	454876	657424	0	1527752
RAMP	159925	43030	1117966	766213	77393	2164527
HOV	0	0	1251088	32694	0	1283782
TOLL	0	0	5318283	703236	1982147	8003666
Totals	1588252	207930	36224712	21788150	4678499	64487544

HIGHWAY EVALUATION -- YEAR/ALT (c30) -- REPORT: TOTAL VMT USING CAPACITY

	CBD	FRINGE	RESID.	OBD	RURAL	Total
FREEWAY	412177	110536	6138788	3917645	188443	10767588
D. ART	232592	20539	11729169	9297579	1305472	22585352
U. ART	130011	2574	3027722	1370558	2068346	6599211
COLLCTR	124403	9817	5649226	1704363	1962870	9450679
1 WAY	438558	20371	532851	702977	0	1694757
RAMP	159426	47103	1340259	857680	83201	2487669
HOV	0	0	1987457	62814	0	2050271
TOLL	0	0	6338997	740464	2594574	9674035
Totals	1497168	210940	36744468	18654080	8202906	65309564

HIGHWAY EVALUATION -- YEAR/ALT (c30) -- REPORT: RATIO OF VOLUME OVER CAPACITY VMT

	CBD	FRINGE	RESID.	OBD	RURAL	Total
FREEWAY	1.13	1.10	1.14	1.25	1.80	1.19
D. ART	1.22	0.83	1.03	1.20	0.57	1.07
U. ART	1.03	1.25	1.15	1.27	0.36	0.92
COLLCTR	1.13	1.29	0.99	1.09	0.40	0.88
1 WAY	0.92	0.54	0.85	0.94	0.00	0.90
RAMP	1.00	0.91	0.83	0.89	0.93	0.87
HOV	0.00	0.00	0.63	0.52	0.00	0.63
TOLL	0.00	0.00	0.84	0.95	0.76	0.83
Totals	1.06	0.99	0.99	1.17	0.57	0.99

HIGHWAY EVALUATION -- YEAR/ALT (c30) -- REPORT: TOTAL VHT USING VOLUMES ON
LINKS WITH CAPACITIES

	CBD	FRINGE	RESID.	OBD	RURAL	Total
FREEWAY	19448	3522	481975	216522	166947	888414
D. ART	24652	617	749418	819300	23805	1617793
U. ART	9851	161	215388	126582	17875	369857
COLLCTR	10461	1294	323948	124085	25526	485314
1 WAY	36245	808	24594	46219	0	107865
RAMP	12209	1737	84117	49752	3096	150912
HOV	0	0	41014	1091	0	42105
TOLL	0	0	235193	25450	47168	307810
Totals	112866	8139	2155647	1409001	284417	3970069

HIGHWAY EVALUATION -- YEAR/ALT (c30) -- REPORT: TOTAL VHT USING CAPACITIES

	CBD	FRINGE	RESID.	OBD	RURAL	Total
FREEWAY	15495	3077	318244	157638	79013	573466
D. ART	18525	680	618640	600759	32343	1270947
U. ART	8691	125	160004	84131	46038	298989
COLLCTR	8355	842	268238	93586	54448	425468
1 WAY	36815	1183	25782	42777	0	106557
RAMP	9179	1700	69329	43199	2525	125931
HOV	0	0	54143	1542	0	55685
TOLL	0	0	309099	26200	79836	415135
Totals	97059	7607	1823478	1049831	294204	3272178

HIGHWAY EVALUATION -- YEAR/ALT (c30) -- REPORT: RATIO OF VOLUME OVER CAPACITY
VHT

	CBD	FRINGE	RESID.	OBD	RURAL	Total
FREEWAY	1.26	1.14	1.51	1.37	2.11	1.55
D. ART	1.33	0.91	1.21	1.36	0.74	1.27
U. ART	1.13	1.29	1.35	1.50	0.39	1.24
COLLCTR	1.25	1.54	1.21	1.33	0.47	1.14
1 WAY	0.98	0.68	0.95	1.08	0.00	1.01
RAMP	1.33	1.02	1.21	1.15	1.23	1.20
HOV	0.00	0.00	0.76	0.71	0.00	0.76
TOLL	0.00	0.00	0.76	0.97	0.59	0.74
Totals	1.16	1.07	1.18	1.34	0.97	1.21

HIGHWAY EVALUATION -- YEAR/ALT (c30) -- REPORT: TOTAL VOLUME ON ALL LINKS WITH CAPACITIES

	CBD	FRINGE	RESID.	OBD	RURAL	Total
FREEWAY	3062121	973113	21496824	15331029	811137	41674220
D. ART	2734042	183453	50106828	58812592	1725251113562168	
U. ART	1356839	32077	13588242	9056541	1170234	25203934
COLLCTR	1604839	168628	22504076	8611781	2060441	34949764
1 WAY	5000848	161907	1971020	3169168	0	10302943
RAMP	1477282	427492	8555157	7127801	520049	18107780
HOV	0	0	4533181	175159	0	4708340
TOLL	0	0	16181517	2384454	3492349	22058318
Totals	15235971	1946670138936848104668528		9779460270567456		

HIGHWAY EVALUATION -- YEAR/ALT (c30) -- REPORT: TOTAL CAPACITIES

	CBD	FRINGE	RESID.	OBD	RURAL	Total
FREEWAY	2643991	850477	19450564	12410507	434868	35790408
D. ART	2249046	211696	47126104	47587344	3124736100298928	
U. ART	1313236	25740	11318119	6935072	2565988	22158156
COLLCTR	1329649	127328	22234216	7650682	4355834	35697708
1 WAY	5854834	283316	2378181	3133106	0	11649437
RAMP	1486527	439240	10272680	8551180	739560	21489188
HOV	0	0	8423573	418473	0	8842046
TOLL	0	0	20465662	2498449	5100603	28064716
Totals	14877283	1937797141669104	89184816	16321589263990592		

HIGHWAY EVALUATION -- YEAR/ALT (c30) -- REPORT: RATIO OF VOLUME OVER CAPACITY

	CBD	FRINGE	RESID.	OBD	RURAL	Total
FREEWAY	1.16	1.14	1.11	1.24	1.87	1.16
D. ART	1.22	0.87	1.06	1.24	0.55	1.13
U. ART	1.03	1.25	1.20	1.31	0.46	1.14
COLLCTR	1.21	1.32	1.01	1.13	0.47	0.98
1 WAY	0.85	0.57	0.83	1.01	0.00	0.88
RAMP	0.99	0.97	0.83	0.83	0.70	0.84
HOV	0.00	0.00	0.54	0.42	0.00	0.53
TOLL	0.00	0.00	0.79	0.95	0.68	0.79
Totals	1.02	1.00	0.98	1.17	0.60	1.02

HIGHWAY EVALUATION -- YEAR/ALT (c30) -- REPORT: TOTAL VOLUME ON ALL LINKS

	CBD	FRINGE	RESID.	OBD	RURAL	Total
FREEWAY	3062121	973113	21496824	15331029	811137	41674220
D. ART	2734042	183453	50106828	58812592	1725251113562168	
U. ART	1356839	32077	13588242	9056541	1170234	25203934
COLLCTR	1604839	168628	22504076	8611781	2060441	34949764
1 WAY	5000848	161907	1971020	3169168	0	10302943
RAMP	1477282	427492	8555157	7127801	520049	18107780
HOV	0	0	4533181	175159	0	4708340
TOLL	0	0	16181517	2384454	3492349	22058318
Totals	15235971	1946670138936848104668528			9779460270567456	

HIGHWAY EVALUATION -- YEAR/ALT (c30) -- REPORT: VOLUME PERCENTAGES ON ALL LINKS

	CBD	FRINGE	RESID.	OBD	RURAL	Total
FREEWAY	1.13	0.36	7.95	5.67	0.30	15.40
D. ART	1.01	0.07	18.52	21.74	0.64	41.97
U. ART	0.50	0.01	5.02	3.35	0.43	9.32
COLLCTR	0.59	0.06	8.32	3.18	0.76	12.92
1 WAY	1.85	0.06	0.73	1.17	0.00	3.81
RAMP	0.55	0.16	3.16	2.63	0.19	6.69
HOV	0.00	0.00	1.68	0.06	0.00	1.74
TOLL	0.00	0.00	5.98	0.88	1.29	8.15
Totals	5.63	0.72	51.35	38.68	3.61	100.00

HIGHWAY EVALUATION -- YEAR/ALT (c30) -- REPORT: AVERAGE TOTAL VOLUMES ON ALL LINKS

	CBD	FRINGE	RESID.	OBD	RURAL	Total
FREEWAY	80582	74855	72871	85648	162227	78631
D. ART	44820	36691	43047	52842	28754	47258
U. ART	21885	16039	23228	35797	14099	25588
COLLCTR	19813	15330	16006	21056	7105	15908
1 WAY	16669	10119	17918	20446	0	17733
RAMP	20518	21375	16808	17175	15759	17262
HOV	0	0	11277	7962	0	11105
TOLL	0	0	33364	31793	41086	34199
Totals	24814	29055	28034	39935	17589	30697

HIGHWAY EVALUATION -- YEAR/ALT (c30) -- REPORT: ORIGINAL SPEEDS (MPH)

	CBD	FRINGE	RESID.	OBD	RURAL	Total
FREEWAY	47.41	50.15	49.99	54.70	64.73	51.60
D. ART	30.81	40.29	34.37	35.52	47.81	35.25
U. ART	21.12	29.27	28.61	27.97	45.59	30.66
COLLCTR	21.41	21.79	29.77	28.03	38.72	30.99
1 WAY	21.81	22.91	32.89	34.37	0.00	29.08
RAMP	39.29	37.06	36.26	35.56	52.72	36.57
HOV	0.00	0.00	60.72	68.81	0.00	60.99
TOLL	0.00	0.00	43.81	46.52	59.66	47.03
Totals	24.93	31.04	32.99	33.55	42.40	33.96

HIGHWAY EVALUATION -- YEAR/ALT (c30) -- REPORT: CONGESTED SPEEDS (MPH)

	CBD	FRINGE	RESID.	OBD	RURAL	Total
FREEWAY	28.12	35.74	20.21	24.94	2.38	19.46
D. ART	12.38	28.63	18.44	15.22	36.72	17.26
U. ART	14.38	20.51	17.74	15.95	43.39	19.69
COLLCTR	14.97	11.66	19.93	17.40	36.13	21.60
1 WAY	12.41	15.59	18.90	16.54	0.00	15.63
RAMP	15.15	25.83	17.94	17.29	31.16	17.84
HOV	0.00	0.00	36.05	40.83	0.00	36.21
TOLL	0.00	0.00	16.89	22.65	38.06	20.05
Totals	14.04	19.77	19.21	16.44	35.03	19.48

HIGHWAY EVALUATION -- YEAR/ALT (c30) -- REPORT: PERCENT CHANGE IN SPEED

	CBD	FRINGE	RESID.	OBD	RURAL	Total
FREEWAY	-40.69	-28.72	-59.57	-54.40	-96.32	-62.29
D. ART	-59.81	-28.93	-46.35	-57.14	-23.20	-51.03
U. ART	-31.91	-29.91	-38.00	-42.98	-4.83	-35.77
COLLCTR	-30.09	-46.51	-33.08	-37.92	-6.68	-30.29
1 WAY	-43.11	-31.94	-42.54	-51.88	0.00	-46.23
RAMP	-61.45	-30.30	-50.53	-51.36	-40.89	-51.21
HOV	0.00	0.00	-40.64	-40.66	0.00	-40.64
TOLL	0.00	0.00	-61.44	-51.31	-36.20	-57.36
Totals	-43.70	-36.29	-41.76	-51.02	-17.38	-42.64

HIGHWAY EVALUATION -- YEAR/ALT (c30) -- REPORT: TOTAL VMT USING LINK VOLUMES
(FSUTMS.V54+)

	CBD	FRINGE	RESID.	OBD	RURAL	Total
FREEWAY	467468	121057	6991955	4883129	339901	12803509
D. ART	283047	16991	12056987	11153513	742666	24253202
U. ART	133379	3215	3468784	1734891	747051	6087320
COLLCTR	140000	12617	5564775	1857051	789342	8363784
1 WAY	404433	11019	454876	657424	0	1527752
RAMP	159925	43030	1117966	766213	77393	2164527
HOV	0	0	1251088	32694	0	1283782
TOLL	0	0	5221133	703040	1978414	7902587
Totals	1588252	207930	36127564	21787954	4674767	64386464

HIGHWAY EVALUATION -- YEAR/ALT (c30) -- REPORT: TOTAL VHT (FREE-FLOW TIME)
USING LINK VOLUMES (FSUTMS.V54+)

	CBD	FRINGE	RESID.	OBD	RURAL	Total
FREEWAY	9868	2412	139874	89227	5253	246635
D. ART	9173	423	351034	314522	15135	690287
U. ART	6226	110	120552	61009	16449	204345
COLLCTR	6357	580	181384	64274	20608	273203
1 WAY	18341	471	13715	19437	0	51964
RAMP	3913	1127	29071	19913	1308	55333
HOV	0	0	20587	462	0	21049
TOLL	0	0	116538	14623	32670	163830
Totals	53878	5122	972755	583467	91424	1706646

HIGHWAY EVALUATION -- YEAR/ALT (c30) -- REPORT: TOTAL VHT (CONGESTED TIME)
USING LINK VOLUMES (FSUTMS.V54+)

	CBD	FRINGE	RESID.	OBD	RURAL	Total
FREEWAY	19448	3522	481975	216522	166947	888414
D. ART	24652	617	749418	819300	23805	1617793
U. ART	9851	161	215388	126582	17875	369857
COLLCTR	10461	1294	323948	124085	25526	485314
1 WAY	36245	808	24594	46219	0	107865
RAMP	12209	1737	84117	49752	3096	150912
HOV	0	0	41014	1091	0	42105
TOLL	0	0	235193	25450	47168	307810
Totals	112866	8139	2155647	1409001	284417	3970069

HIGHWAY EVALUATION -- YEAR/ALT (c30) -- REPORT: SPEEDS (FREE-FLOW TIME) USING LINK VOLUMES (FSUTMS.V54+)

	CBD	FRINGE	RESID.	OBD	RURAL	Total
FREEWAY	47.37	50.19	49.99	54.73	64.70	51.91
D. ART	30.86	40.21	34.35	35.46	49.07	35.13
U. ART	21.42	29.26	28.77	28.44	45.42	29.79
COLLCTR	22.02	21.75	30.68	28.89	38.30	30.61
1 WAY	22.05	23.41	33.17	33.82	0.00	29.40
RAMP	40.87	38.18	38.46	38.48	59.16	39.12
HOV	0.00	0.00	60.77	70.80	0.00	60.99
TOLL	0.00	0.00	44.80	48.08	60.56	48.24
Totals	29.48	40.59	37.14	37.34	51.13	37.73

HIGHWAY EVALUATION -- YEAR/ALT (c30) -- REPORT: SPEEDS (CONGESTED TIME) USING LINK VOLUMES (FSUTMS.V54+)

	CBD	FRINGE	RESID.	OBD	RURAL	Total
FREEWAY	24.04	34.37	14.51	22.55	2.04	14.41
D. ART	11.48	27.55	16.09	13.61	31.20	14.99
U. ART	13.54	19.92	16.10	13.71	41.79	16.46
COLLCTR	13.38	9.75	17.18	14.97	30.92	17.23
1 WAY	11.16	13.64	18.50	14.22	0.00	14.16
RAMP	13.10	24.77	13.29	15.40	24.99	14.34
HOV	0.00	0.00	30.50	29.95	0.00	30.49
TOLL	0.00	0.00	22.20	27.62	41.94	25.67
Totals	14.07	25.55	16.76	15.46	16.44	16.22

HIGHWAY EVALUATION -- YEAR/ALT (c30) -- REPORT: PERCENT CHANGE IN SPEED USING LINK VOLUMES (FSUTMS.V54+)

	CBD	FRINGE	RESID.	OBD	RURAL	Total
FREEWAY	-49.26	-31.51	-70.98	-58.79	-96.85	-72.24
D. ART	-62.79	-31.49	-53.16	-61.61	-36.42	-57.33
U. ART	-36.80	-31.92	-44.03	-51.80	-7.98	-44.75
COLLCTR	-39.23	-55.19	-44.01	-48.20	-19.27	-43.71
1 WAY	-49.40	-41.70	-44.23	-57.95	0.00	-51.82
RAMP	-67.95	-35.12	-65.44	-59.97	-57.75	-63.33
HOV	0.00	0.00	-49.80	-57.69	0.00	-50.01
TOLL	0.00	0.00	-50.45	-42.54	-30.74	-46.78
Totals	-52.26	-37.06	-54.87	-58.59	-67.86	-57.01

HIGHWAY EVALUATION -- YEAR/ALT (c30) -- REPORT: TOTAL ACCIDENT OCCURENCES

	CBD	FRINGE	RESID.	OBD	RURAL	Total
FREEWAY	0.50	0.13	7.41	5.18	0.36	13.57
D. ART	1.65	0.10	70.29	65.02	4.33	141.40
U. ART	0.77	0.02	19.91	9.96	4.29	34.94
COLLCTR	0.74	0.07	29.44	9.82	4.18	44.24
1 WAY	2.32	0.06	2.61	3.77	0.00	8.77
RAMP	0.92	0.25	6.42	4.40	0.44	12.42
HOV	0.00	0.00	1.33	0.03	0.00	1.36
TOLL	0.00	0.00	5.64	0.75	2.10	8.48
Totals	6.89	0.62	143.04	98.93	15.70	265.19

HIGHWAY EVALUATION -- YEAR/ALT (c30) -- REPORT: TOTAL INJURY OCCURENCES

	CBD	FRINGE	RESID.	OBD	RURAL	Total
FREEWAY	0.34	0.09	5.10	3.56	0.25	9.35
D. ART	1.09	0.07	46.42	42.94	2.86	93.37
U. ART	0.47	0.01	12.21	6.11	2.63	21.43
COLLCTR	0.44	0.04	17.36	5.79	2.46	26.09
1 WAY	1.42	0.04	1.60	2.31	0.00	5.38
RAMP	0.56	0.15	3.94	2.70	0.27	7.62
HOV	0.00	0.00	0.91	0.02	0.00	0.94
TOLL	0.00	0.00	3.88	0.51	1.45	5.84
Totals	4.32	0.39	91.43	63.95	9.92	170.02

HIGHWAY EVALUATION -- YEAR/ALT (c30) -- REPORT: TOTAL FATALITY OCCURENCES

	CBD	FRINGE	RESID.	OBD	RURAL	Total
FREEWAY	0.00	0.00	0.06	0.04	0.00	0.12
D. ART	0.01	0.00	0.23	0.21	0.01	0.46
U. ART	0.00	0.00	0.07	0.03	0.01	0.12
COLLCTR	0.00	0.00	0.09	0.03	0.01	0.14
1 WAY	0.01	0.00	0.01	0.01	0.00	0.03
RAMP	0.00	0.00	0.02	0.01	0.00	0.04
HOV	0.00	0.00	0.01	0.00	0.00	0.01
TOLL	0.00	0.00	0.05	0.01	0.02	0.07
Totals	0.03	0.00	0.54	0.35	0.06	0.99

HIGHWAY EVALUATION -- YEAR/ALT (c30) -- REPORT: TOTAL EMISSIONS OF CARBON MONOXIDE (KILOGRAMS)

	CBD	FRINGE	RESID.	OBD	RURAL	Total
FREEWAY	10709	2027	151768	109639	10772	284917
D. ART	10106	362	364877	368835	11136	755316
U. ART	4893	105	109832	59635	9809	184274
COLLCTR	5173	469	163843	59532	13478	242495
1 WAY	14299	349	12449	20092	0	47188
RAMP	4376	938	30479	21230	1824	58846
HOV	0	0	23445	760	0	24205
TOLL	0	0	79275	12850	31202	123327
Totals	49556	4251	935968	652573	78220	1720569

HIGHWAY EVALUATION -- YEAR/ALT (c30) -- REPORT: TOTAL EMISSIONS OF HYDROCARBONS (KILOGRAMS)

	CBD	FRINGE	RESID.	OBD	RURAL	Total
FREEWAY	725	150	10419	7428	678	19400
D. ART	619	25	22926	22854	868	47292
U. ART	299	7	6848	3670	804	11627
COLLCTR	316	29	10347	3700	997	15389
1 WAY	877	22	804	1265	0	2968
RAMP	284	64	1971	1368	120	3807
HOV	0	0	1643	48	0	1691
TOLL	0	0	6194	939	2095	9228
Totals	3119	296	61152	41273	5562	111402

HIGHWAY EVALUATION -- YEAR/ALT (c30) -- REPORT: TOTAL EMISSIONS OF OXIDES OF NITROGEN (KILOGRAMS)

	CBD	FRINGE	RESID.	OBD	RURAL	Total
FREEWAY	909	234	13599	9582	668	24992
D. ART	558	33	23332	21798	1524	47245
U. ART	264	6	6741	3402	1500	11914
COLLCTR	278	25	10739	3611	1501	16154
1 WAY	796	21	881	1279	0	2977
RAMP	315	82	2174	1510	164	4244
HOV	0	0	2698	77	0	2775
TOLL	0	0	10314	1380	5413	17107
Totals	3120	402	70478	42639	10770	127408

HIGHWAY EVALUATION -- YEAR/ALT (c30) -- REPORT: TOTAL FUEL USE (GALS)

	CBD	FRINGE	RESID.	OBD	RURAL	Total
FREEWAY	29254	7576	437557	305586	21271	801244
D. ART	17713	1063	754526	697987	46476	1517765
U. ART	8347	201	217076	108570	46750	380944
COLLCTR	8761	790	348243	116214	49397	523405
1 WAY	25309	690	28466	41142	0	95607
RAMP	10008	2693	69962	47950	4843	135456
HOV	0	0	78293	2046	0	80339
TOLL	0	0	332818	44009	124043	500869
Totals	99393	13012	2266942	1363502	292780	4035630

HIGHWAY EVALUATION -- YEAR/ALT (c30) -- REPORT: TOTAL NEW LANE MILEAGE

	CBD	FRINGE	RESID.	OBD	RURAL	Total
Totals	0	0	0	0	0	0

HIGHWAY EVALUATION -- YEAR/ALT (c30) -- REPORT: TOTAL CONSTRUCTION COST (X \$1000)

	CBD	FRINGE	RESID.	OBD	RURAL	Total
Totals	0	0	0	0	0	0

HIGHWAY EVALUATION -- YEAR/ALT (c30) -- REPORT: TOTAL DELAY DUE TO CONGESTION (VEH-HRS)

	CBD	FRINGE	RESID.	OBD	RURAL	Total
FREEWAY	9579.78	1109.94342100.62127295.22161693.47641779.06				
D. ART	15478.97	194.20398384.31504777.47	8669.97927504.94			
U. ART	3624.94	51.52 94836.44	65572.80	1425.82165511.50		
COLLCTR	4104.21	714.29142563.89	59811.55	4917.69212111.61		
1 WAY	17903.05	336.80 10878.86	26781.61	0.00 55900.32		
RAMP	8296.51	609.97 55046.22	29838.27	1788.15 95579.10		
HOV	0.00	0.00 20426.56	629.70	0.00 21056.27		
TOLL	0.00	0.00118655.25	10826.85	14497.94143980.05		
Totals	58987.46	3016.71*****825533.50192993.03*****				

HIGHWAY EVALUATION -- YEAR/ALT (c30) : MILES OF ROADWAY AT EACH LEVEL OF SERVICE

	LEVEL OF SERVICE						
	A	B	C	D	E	F	TOTAL
FREEWAY	24.29	9.25	13.00	32.72	29.00	50.36	158.64
D. ART	92.07	58.18	83.39	105.89	78.91	118.82	537.26
U. ART	88.52	17.51	25.07	26.14	24.96	89.42	271.62
COLLCTR	276.51	45.58	54.36	45.14	45.88	133.59	601.04
1 WAY	29.38	12.61	14.44	11.36	6.09	9.50	83.38
RAMP	50.68	12.82	9.35	10.53	6.03	21.51	110.90
HOV	54.11	22.80	8.85	1.45	0.00	0.00	87.21
TOLL	70.85	36.05	32.99	12.65	6.66	8.43	167.63
Total	686.40	214.81	241.44	245.88	197.54	431.62	2017.68

HIGHWAY EVALUATION -- YEAR/ALT (c30) : PERCENT OF MILEAGE AT EACH LEVEL OF SERVICE

	LEVEL OF SERVICE						
	A	B	C	D	E	F	TOTAL
FREEWAY	1.20	0.46	0.64	1.62	1.44	2.50	7.86
D. ART	4.56	2.88	4.13	5.25	3.91	5.89	26.63
U. ART	4.39	0.87	1.24	1.30	1.24	4.43	13.46
COLLCTR	13.70	2.26	2.69	2.24	2.27	6.62	29.79
1 WAY	1.46	0.62	0.72	0.56	0.30	0.47	4.13
RAMP	2.51	0.64	0.46	0.52	0.30	1.07	5.50
HOV	2.68	1.13	0.44	0.07	0.00	0.00	4.32
TOLL	3.51	1.79	1.64	0.63	0.33	0.42	8.31
Total	34.02	10.65	11.97	12.19	9.79	21.39	100.00

HIGHWAY EVALUATION -- YEAR/ALT (c30) -- SCREENLINE SUMMARIES

SCREENLINE NUMBER	ANODE	BNODE	TOTAL VOLUME	TOTAL CAPACITY	VOLUME OVER CAPACITY RATIO	F T	A T
1	1651	1652	39185.	63392.	0.62	21	51
1	1652	2603	41021.	63392.	0.65	21	51
1	2161	2516	44998.	36218.	1.24	23	31
1	2345	7268	28046.	18750.	1.50	98	31
1	2429	7168	46762.	54359.	0.86	92	51
1	2504	8497	24903.	12870.	1.93	37	31
1	2506	2507	48088.	34348.	1.40	24	31
1	2509	2510	70412.	51978.	1.35	24	31
1	2520	8494	60329.	51978.	1.16	24	31
1	2521	8494	75563.	51978.	1.45	24	31
1	2523	2524	8171.	11522.	0.71	45	31
1	2525	2526	20680.	24914.	0.83	44	31
1	2529	2580	11466.	11522.	1.00	45	31
1	2531	7437	15715.	9218.	1.70	47	31
1	2533	2592	21016.	13740.	1.53	36	31
1	2536	7793	75024.	51978.	1.44	24	42
1	2541	2430	154944.	72478.	2.14	12	51
1	2547	2712	35000.	16086.	2.18	33	31
1	2612	7417	25693.	72478.	0.35	92	51
1	2685	3316	73536.	54326.	1.35	23	31
1	3317	8497	24927.	12870.	1.94	37	31
1	3856	4985	154942.	74478.	2.08	12	31
1	4258	2541	154934.	72478.	2.14	12	51
1	4970	4975	0.	18750.	0.00	12	31
1	4995	3858	154970.	74478.	2.08	12	31
1	4998	5001	0.	18750.	0.00	12	31
1	5175	7750	76132.	74478.	1.02	92	31
1	5195	6887	80231.	74478.	1.08	92	31
1	7074	2500	52991.	54359.	0.97	92	51
1	7168	7426	29612.	54359.	0.54	92	51
1	7268	7274	28046.	18750.	1.50	98	31
1	7274	4484	28046.	18750.	1.50	98	31
1	7417	7074	25693.	54359.	0.47	92	51
1	7426	2431	29612.	72478.	0.41	92	51
1	TOTALS		1760689.	1471340.	1.20	SCREEN LINE 1	

HIGHWAY EVALUATION -- YEAR/ALT (c30) -- SCREENLINE SUMMARIES

SCREENLINE NUMBER	ANODE	BNODE	TOTAL VOLUME	TOTAL CAPACITY	VOLUME OVER CAPACITY RATIO	F T	A T
2	1532	2971	78111.	48260.	1.62	24	51
2	1532	4481	87563.	48260.	1.81	24	51
2	2170	6508	36312.	34348.	1.06	24	31
2	2427	2426	50414.	72478.	0.70	92	51
2	2458	7923	69011.	55989.	1.23	92	31
2	2491	5979	10162.	9218.	1.10	47	31
2	2859	2717	61289.	72478.	0.85	92	51
2	3175	3658	12954.	11522.	1.12	45	31
2	3574	7266	13491.	24914.	0.54	44	31
2	3781	5727	10263.	12870.	0.80	37	31
2	3788	5881	13555.	11522.	1.18	45	31
2	4053	4054	60585.	55989.	1.08	12	31
2	4056	4052	46327.	55989.	0.83	12	31
2	4250	7275	37264.	36218.	1.03	23	44
2	4273	4275	53434.	51978.	1.03	24	41
2	4620	7269	43705.	51978.	0.84	24	31
2	5082	9917	52036.	50544.	1.03	25	31
2	5083	7316	41800.	24914.	1.68	44	31
2	5084	9917	42570.	50544.	0.84	25	31
2	5349	5352	51294.	51978.	0.99	24	31
2	5582	7327	49207.	51978.	0.95	24	31
2	5726	5728	50120.	50544.	0.99	25	42
2	5879	5883	37506.	34348.	1.09	24	31
2	5976	5981	44609.	34348.	1.30	24	42
2	6074	6076	61815.	51978.	1.19	24	31
2	6153	6156	62054.	51978.	1.19	24	31
2	6199	7345	15823.	11522.	1.37	45	31
2	6251	6937	35266.	55989.	0.63	92	31
2	6252	7974	15117.	9218.	1.64	46	41
2	6253	6254	7473.	9218.	0.81	46	31
2	6307	6308	49616.	51978.	0.95	24	31
2	6337	9879	19490.	16086.	1.21	33	31
2	6342	9879	19692.	16086.	1.22	33	31
2	6384	9880	38098.	34348.	1.11	24	41
2	6387	9880	38098.	34348.	1.11	24	41
2	6452	6458	24174.	34348.	0.70	24	41
2	6456	7512	17194.	12870.	1.34	37	31
2	6556	6558	11364.	12500.	0.91	43	51
2	6607	6608	9521.	25000.	0.38	43	51
2	6935	6936	52152.	55989.	0.93	92	31
2	6936	8194	48983.	55989.	0.87	92	31
2	6937	6941	54391.	55989.	0.97	92	31
2	6941	7927	54391.	55989.	0.97	92	31
2	7271	7810	30314.	24914.	1.22	44	41
2	7808	7890	8618.	24914.	0.35	44	41
2	7923	6935	52152.	55989.	0.93	92	31
2	7927	2456	55622.	55989.	0.99	92	31
2	TOTALS		1834999.	1816438.	1.01	SCREEN LINE 2	

HIGHWAY EVALUATION -- YEAR/ALT (c30) -- SCREENLINE SUMMARIES

SCREENLINE NUMBER	ANODE	BNODE	TOTAL VOLUME	TOTAL CAPACITY	VOLUME OVER CAPACITY RATIO	F T	A T
3	1525	4277	7188.	12500.	0.58	43	51
3	2134	2139	28230.	22761.	1.24	64	43
3	2138	2133	27334.	22761.	1.20	64	43
3	2405	4249	51293.	90598.	0.57	92	51
3	2715	3138	28752.	34348.	0.84	24	31
3	2715	9780	34084.	34348.	0.99	24	44
3	2970	6069	28659.	34348.	0.83	24	31
3	2973	7381	15229.	32956.	0.46	41	31
3	2976	8381	14510.	9218.	1.57	46	31
3	2991	9783	12697.	16892.	0.75	24	31
3	2992	9783	15798.	16892.	0.94	24	31
3	2994	2997	35411.	34348.	1.03	24	31
3	3000	3651	19003.	18044.	1.05	23	31
3	3007	7593	66705.	51978.	1.28	24	41
3	3099	7825	32007.	34348.	0.93	24	31
3	3137	3138	44417.	51978.	0.85	24	41
3	3139	9780	26076.	34348.	0.76	24	44
3	3142	3143	50671.	34348.	1.48	24	41
3	3146	3147	63661.	51978.	1.22	24	41
3	3150	3628	35182.	34348.	1.02	24	31
3	3156	9778	33855.	32956.	1.03	41	31
3	3157	9778	33831.	32956.	1.03	41	31
3	3160	3161	9627.	11522.	0.84	45	31
3	3166	7404	53042.	51978.	1.02	24	31
3	3173	3174	17461.	11522.	1.52	45	31
3	3181	3182	16220.	12870.	1.26	37	31
3	3187	3297	28809.	25782.	1.12	37	31
3	3206	8097	22617.	17174.	1.32	32	41
3	3209	8096	39408.	34348.	1.15	24	41
3	3302	3303	50423.	34348.	1.47	24	31
3	3307	7414	5208.	9218.	0.56	46	31
3	3721	4277	48214.	54326.	0.89	23	41
3	3884	3889	109684.	74478.	1.47	12	31
3	3885	3883	101488.	74478.	1.36	12	31
3	4223	4220	99529.	74478.	1.34	12	41
3	4225	4219	106732.	74478.	1.43	12	41
3	4244	3205	60748.	90598.	0.67	92	51
3	4785	4793	19357.	19293.	1.00	81	31
3	4787	4780	19758.	19293.	1.02	81	31
3	TOTALS		1512919.	1429436.	1.06	SCREEN LINE 3	

HIGHWAY EVALUATION -- YEAR/ALT (c30) -- SCREENLINE SUMMARIES

SCREENLINE NUMBER	ANODE	BNODE	TOTAL VOLUME	TOTAL CAPACITY	VOLUME OVER CAPACITY RATIO	F T	A T
4	2045	2040	68618.	55989.	1.23	12	31
4	2292	4046	106025.	74478.	1.42	12	41
4	2500	4329	52991.	54359.	0.97	92	51
4	2621	7439	40223.	51978.	0.77	24	31
4	2695	2429	46762.	54359.	0.86	92	51
4	2729	2732	18059.	24914.	0.72	44	31
4	2736	2737	66214.	55989.	1.18	12	31
4	2874	4235	37550.	32956.	1.14	41	31
4	2991	2994	15648.	13740.	1.14	36	31
4	3109	4221	56047.	43163.	1.30	24	41
4	3232	3234	54204.	50544.	1.07	25	41
4	3255	8505	23314.	12870.	1.81	37	31
4	3421	4206	69751.	63566.	1.10	24	41
4	3423	4197	69699.	51978.	1.34	24	44
4	3592	3594	26511.	24914.	1.06	44	44
4	3763	8505	23026.	12870.	1.79	37	31
4	4134	5996	50580.	34348.	1.47	24	31
4	4146	4163	45085.	37500.	1.20	12	31
4	4162	4144	40149.	37500.	1.07	12	31
4	4200	7656	24389.	12870.	1.90	37	44
4	4231	4315	64507.	55989.	1.15	12	31
4	4306	2985	62443.	55989.	1.12	12	31
4	4429	9813	52020.	51978.	1.00	24	44
4	4636	4637	59618.	51978.	1.15	24	44
4	4637	7875	76655.	51978.	1.47	24	41
4	4773	9813	57409.	51978.	1.10	24	44
4	4777	9830	17721.	11522.	1.54	45	41
4	4783	9830	16836.	11522.	1.46	45	41
4	4926	4928	55801.	34392.	1.62	32	41
4	4927	2291	122313.	74478.	1.64	12	41
4	5103	5104	69488.	51978.	1.34	24	41
4	5367	7385	55998.	34348.	1.63	24	41
4	5606	7390	50625.	33392.	1.52	25	41
4	5750	5751	71957.	50544.	1.42	25	41
4	5906	5908	52812.	34348.	1.54	24	31
4	6100	6101	48321.	50544.	0.96	25	41
4	7300	8071	61591.	34348.	1.79	24	41
4	8391	8392	13619.	16086.	0.85	41	41
4	TOTALS		1944577.	1558277.	1.25	SCREEN LINE 4	

HIGHWAY EVALUATION -- YEAR/ALT (c30) -- SCREENLINE SUMMARIES

SCREENLINE NUMBER	ANODE	BNODE	TOTAL VOLUME	TOTAL CAPACITY	VOLUME OVER CAPACITY RATIO	F T	A T
5	2097	2103	17582.	22761.	0.77	64	43
5	2102	2097	15261.	22761.	0.67	64	43
5	2725	2730	35591.	32956.	1.08	41	44
5	3428	3429	65563.	51978.	1.26	24	44
5	3437	3439	26297.	12870.	2.04	37	44
5	3446	3447	15266.	23608.	0.65	45	41
5	3456	3457	59663.	51978.	1.15	24	41
5	3463	3464	15597.	22761.	0.69	64	41
5	3467	3466	13627.	22761.	0.60	64	41
5	3471	3472	24615.	25782.	0.95	37	41
5	3477	3478	44192.	34348.	1.29	24	31
5	3488	3489	34699.	34348.	1.01	24	41
5	3497	3498	41665.	34348.	1.21	24	41
5	3504	3506	57266.	51978.	1.10	24	31
5	3511	3512	35109.	34348.	1.02	24	31
5	3518	3519	33952.	32956.	1.03	41	31
5	3527	3528	36035.	33392.	1.08	25	41
5	3538	3539	12946.	11522.	1.12	45	31
5	3544	3546	42238.	34348.	1.23	24	31
5	3552	3553	36363.	31696.	1.15	34	41
5	3563	9802	51070.	34348.	1.49	24	41
5	3564	9802	50630.	34348.	1.47	24	41
5	3900	3907	111310.	74478.	1.49	12	31
5	3902	3897	102707.	74478.	1.38	12	31
5	4196	4198	110978.	93098.	1.19	12	41
5	4202	4195	112170.	93098.	1.20	12	41
5	4669	4685	20187.	19293.	1.05	81	31
5	4675	4665	17032.	19293.	0.88	81	31
5	6998	6999	78540.	51978.	1.51	24	41
5	TOTALS		1318152.	1117912.	1.18	SCREEN LINE 5	

HIGHWAY EVALUATION -- YEAR/ALT (c30) -- SCREENLINE SUMMARIES

SCREENLINE NUMBER	ANODE	BNODE	TOTAL VOLUME	TOTAL CAPACITY	VOLUME OVER CAPACITY RATIO	F T	A T
6	1577	1580	46083.	37500.	1.23	92	31
6	1578	9994	46083.	37500.	1.23	92	31
6	1579	1578	46083.	37500.	1.23	92	31
6	1580	1579	46083.	37500.	1.23	92	31
6	1581	1582	24123.	37500.	0.64	92	31
6	1582	1583	24123.	37500.	0.64	92	31
6	1583	1584	24123.	37500.	0.64	92	31
6	1584	9993	24123.	37500.	0.64	92	31
6	1585	9999	24123.	37500.	0.64	92	41
6	1586	1585	24123.	37500.	0.64	92	41
6	1587	1586	24123.	37500.	0.64	92	41
6	1587	1592	9492.	37500.	0.25	92	41
6	1592	1593	60785.	74478.	0.82	92	41
6	1596	1597	21306.	37500.	0.57	92	31
6	1598	9996	24876.	37500.	0.66	12	41
6	1614	1598	100.	37500.	0.00	92	31
6	1619	9992	46083.	37500.	1.23	92	31
6	1632	9985	39075.	37500.	1.04	92	41
6	1634	9986	46083.	37500.	1.23	92	41
6	2125	2115	72809.	55989.	1.30	12	41
6	2414	4601	56030.	31413.	1.78	79	41
6	2416	2720	42604.	34348.	1.24	24	41
6	2416	4668	39232.	32652.	1.20	33	41
6	2435	3626	44978.	54359.	0.83	92	51
6	2504	2506	11692.	9218.	1.27	46	31
6	2554	7210	32905.	36218.	0.91	23	31
6	2639	3610	11009.	11522.	0.96	45	31
6	2640	6864	44098.	51978.	0.85	24	31
6	2641	3595	11611.	11522.	1.01	45	31
6	2710	2437	51916.	54359.	0.96	92	51
6	2762	2766	76317.	55989.	1.36	12	41
6	2764	2768	14364.	15457.	0.93	67	41
6	2767	2763	15015.	15457.	0.97	67	41
6	2996	4316	37733.	34348.	1.10	24	44
6	3011	3014	15938.	12108.	1.32	44	41
6	3012	9779	37315.	34348.	1.09	24	41
6	3018	9779	41402.	34348.	1.21	24	41
6	3261	3262	46948.	34348.	1.37	24	31
6	3409	4802	20818.	13740.	1.52	36	41
6	3482	3484	18796.	11522.	1.63	45	41
6	3483	6980	55765.	34348.	1.62	24	41
6	3495	8240	16374.	11522.	1.42	45	31
6	3723	7387	16362.	11522.	1.42	45	41
6	3846	9869	30568.	23608.	1.29	45	31
6	3909	7137	91092.	55989.	1.63	12	41
6	4016	9947	76813.	55989.	1.37	12	31
6	4316	7453	32814.	34348.	0.96	24	44
6	4322	6956	60331.	55989.	1.08	12	31
6	4428	4435	56030.	47120.	1.19	79	41
6	4434	2417	41357.	31413.	1.32	79	41
6	4435	4439	56030.	47120.	1.19	79	41
6	4437	4434	41357.	47120.	0.88	79	41

6	4439	4455	56030.	47120.	1.19	79	41
6	4453	4437	41357.	47120.	0.88	79	41
6	4455	4462	56030.	47120.	1.19	79	41
6	4457	4453	41357.	47120.	0.88	79	41
6	4462	4465	44613.	47120.	0.95	79	41
6	4465	4469	44613.	31413.	1.42	79	41
6	4466	4467	23190.	31413.	0.74	79	41
6	4467	4468	23190.	47120.	0.49	79	41
6	4468	4457	41357.	47120.	0.88	79	41
6	4469	8302	44613.	31413.	1.42	79	41
6	4470	4466	23190.	31413.	0.74	79	41
6	4471	4487	60690.	31413.	1.93	79	41
6	4475	4470	23190.	31413.	0.74	79	41
6	4487	4495	42300.	31413.	1.35	79	41
6	4491	4475	23190.	31413.	0.74	79	41
6	4495	10065	42300.	31413.	1.35	79	41
6	4539	4541	48568.	32652.	1.49	33	41
6	4540	7012	40750.	34348.	1.19	24	41
6	4542	7013	40750.	34348.	1.19	24	41
6	4601	4751	56030.	31413.	1.78	79	41
6	4666	4667	20978.	16086.	1.30	33	41
6	4751	4428	56030.	31413.	1.78	79	41
6	4792	4797	44513.	34348.	1.30	24	41
6	4946	9948	82070.	55989.	1.47	12	31
6	5132	5133	52960.	34348.	1.54	24	41
6	5134	7499	70292.	32652.	2.15	33	41
6	5386	9865	54594.	33392.	1.63	25	41
6	5387	9865	54863.	33392.	1.64	25	41
6	5639	5643	43261.	24914.	1.74	44	12
6	5642	5644	45030.	33392.	1.35	25	12
6	5782	9869	30134.	23608.	1.28	45	31
6	5784	5786	45588.	33392.	1.37	25	41
6	5929	5936	38163.	23608.	1.62	45	41
6	5931	5933	49948.	50544.	0.99	25	41
6	5987	1587	33615.	37500.	0.90	92	41
6	6033	6034	28601.	13740.	2.08	36	31
6	6957	4321	56805.	55989.	1.01	12	31
6	7012	7013	40750.	34348.	1.19	24	41
6	7139	4671	75591.	55989.	1.35	12	41
6	8302	4471	44613.	31413.	1.42	79	41
6	9947	4019	55440.	55989.	0.99	12	31
6	9947	9950	21374.	13109.	1.63	97	31
6	9948	4018	91832.	55989.	1.64	12	31
6	9949	9948	9762.	18750.	0.52	98	31
6	9950	9951	21374.	37500.	0.57	92	31
6	9951	9953	21374.	37500.	0.57	92	31
6	9952	9949	9762.	37500.	0.26	92	31
6	9953	9955	13610.	37500.	0.36	92	31
6	9954	9952	9762.	37500.	0.26	92	31
6	9955	9957	13610.	37500.	0.36	92	31
6	9956	9954	9762.	37500.	0.26	92	31
6	9957	9959	55910.	37500.	1.49	92	31
6	9958	9956	9762.	37500.	0.26	92	41
6	9959	9961	55910.	37500.	1.49	92	31
6	9960	9958	9762.	37500.	0.26	92	41
6	9961	9963	55910.	37500.	1.49	92	31
6	9962	9960	39075.	37500.	1.04	92	31

6	9963	9965	55910.	37500.	1.49	92 31
6	9964	9962	39075.	37500.	1.04	92 41
6	9965	9968	55910.	37500.	1.49	92 41
6	9967	9964	39075.	37500.	1.04	92 31
6	9968	9970	55910.	37500.	1.49	92 41
6	9969	9967	39075.	37500.	1.04	92 41
6	9970	9972	55910.	37500.	1.49	92 41
6	9971	9969	39075.	37500.	1.04	92 41
6	9972	9974	55910.	37500.	1.49	92 41
6	9973	9971	39075.	37500.	1.04	92 41
6	9974	9976	55910.	37500.	1.49	92 41
6	9975	9973	39075.	37500.	1.04	92 41
6	9976	9978	55910.	37500.	1.49	92 41
6	9977	9975	39075.	37500.	1.04	92 41
6	9978	9980	55910.	37500.	1.49	92 41
6	9979	9977	39075.	37500.	1.04	92 41
6	9980	9982	55910.	37500.	1.49	92 41
6	9981	9979	39075.	37500.	1.04	92 41
6	9982	9984	55910.	37500.	1.49	92 41
6	9983	9981	39075.	37500.	1.04	92 41
6	9984	1634	55910.	37500.	1.49	92 41
6	9985	9983	39075.	37500.	1.04	92 41
6	9986	9988	46083.	37500.	1.23	92 41
6	9987	1632	24123.	37500.	0.64	92 41
6	9988	9990	46083.	37500.	1.23	92 41
6	9989	9987	24123.	37500.	0.64	92 41
6	9990	1619	46083.	37500.	1.23	92 31
6	9991	9989	24123.	37500.	0.64	92 41
6	9992	1577	46083.	37500.	1.23	92 31
6	9993	9991	24123.	37500.	0.64	92 31
6	9994	1596	21306.	37500.	0.57	92 31
6	9994	1598	24776.	15707.	1.58	71 31
6	9995	1581	24123.	37500.	0.64	92 31
6	9996	9998	24876.	37500.	0.66	12 41
6	9997	9995	24123.	37500.	0.64	92 31
6	9998	1599	24876.	37500.	0.66	12 41
6	9999	9997	24123.	37500.	0.64	92 41
6	10018	4491	23190.	31413.	0.74	79 41
6	10065	9957	42300.	31413.	1.35	79 41
6	TOTALS		5768458.	5346054.	1.08	

HIGHWAY EVALUATION -- YEAR/ALT (c30) -- SCREENLINE SUMMARIES

SCREENLINE NUMBER	ANODE	BNODE	TOTAL VOLUME	TOTAL CAPACITY	VOLUME OVER CAPACITY RATIO	F T	A T
7	1613	2462	5176.	18750.	0.28	98	31
7	2004	7854	125452.	106174.	1.18	21	32
7	2039	2051	37964.	33392.	1.14	25	42
7	2041	2057	32183.	33392.	0.96	25	12
7	2042	2058	23323.	25044.	0.93	38	43
7	2308	5113	52159.	34348.	1.52	24	31
7	2323	5092	54478.	50544.	1.08	25	31
7	2345	7717	73418.	74478.	0.99	92	31
7	2358	4084	130217.	93098.	1.40	12	41
7	2389	5103	64423.	51978.	1.24	24	31
7	3984	3987	13988.	31413.	0.45	79	11
7	3986	3985	117523.	77174.	1.52	11	11
7	4085	2362	127666.	93098.	1.37	12	41
7	4908	8529	73661.	51978.	1.42	24	41
7	5002	5198	25882.	15707.	1.65	75	11
7	5003	6430	110474.	77174.	1.43	11	11
7	5013	5014	13037.	11522.	1.13	45	11
7	5020	7446	11719.	11914.	0.98	38	11
7	5026	5027	29050.	23608.	1.23	45	11
7	5034	5037	15965.	22174.	0.72	64	11
7	5048	5046	28482.	22174.	1.28	64	11
7	5059	5060	29667.	22174.	1.34	64	11
7	5071	9724	72811.	54663.	1.33	25	11
7	5072	9724	85420.	54663.	1.56	25	11
7	5106	8379	16720.	11522.	1.45	45	31
7	5122	5123	23950.	12870.	1.86	37	31
7	5131	5132	78120.	51978.	1.50	24	41
7	5140	5141	52658.	34348.	1.53	24	41
7	5147	5148	23730.	12870.	1.84	37	31
7	5153	5154	69743.	50544.	1.38	25	41
7	5159	5160	47127.	33392.	1.41	25	41
7	5164	5166	61687.	50544.	1.22	25	31
7	5170	5171	41277.	27130.	1.52	36	41
7	5173	5180	20320.	16086.	1.26	33	41
7	5176	5177	42949.	33392.	1.29	25	31
7	6430	5209	110474.	77174.	1.43	11	11
7	7716	4482	102826.	93098.	1.10	92	31
7	8503	1613	5176.	18750.	0.28	98	31
7	TOTALS		2050895.	1614332.	1.27		

HIGHWAY EVALUATION -- YEAR/ALT (c30) -- SCREENLINE SUMMARIES

SCREENLINE NUMBER	ANODE	BNODE	TOTAL VOLUME	TOTAL CAPACITY	VOLUME OVER CAPACITY RATIO	F T	A T
8	1553	2475	11641.	54359.	0.21	98	51
8	1561	6895	14911.	54359.	0.27	92	51
8	2146	2149	57968.	51978.	1.12	24	43
8	2171	2803	84216.	74478.	1.13	12	31
8	2213	2214	35343.	31413.	1.13	75	31
8	2236	2242	36651.	31413.	1.17	79	31
8	2252	2928	37253.	24914.	1.50	44	31
8	2269	2244	3869.	15707.	0.25	75	31
8	2270	2271	66581.	55989.	1.19	12	31
8	2280	2281	72933.	55989.	1.30	12	31
8	2438	1553	11641.	54359.	0.21	92	51
8	2477	1561	14911.	54359.	0.27	98	51
8	2509	2513	40861.	36218.	1.13	23	31
8	2558	2561	58984.	54326.	1.09	23	31
8	2565	2669	14543.	11522.	1.26	45	31
8	2660	2664	56986.	51978.	1.10	24	31
8	2804	2172	102124.	74478.	1.37	12	31
8	2807	3713	8375.	13740.	0.61	36	31
8	2811	2812	37372.	34348.	1.09	24	31
8	2819	2820	15540.	9218.	1.69	46	31
8	2824	2949	21520.	12108.	1.78	44	31
8	2831	3709	9621.	12108.	0.79	44	31
8	2832	2953	12335.	9218.	1.34	46	31
8	2844	2960	46017.	34348.	1.34	24	41
8	2850	4404	87482.	63566.	1.38	24	41
8	3706	3707	20426.	11522.	1.77	45	31
8	4911	4913	13387.	19293.	0.69	81	31
8	5365	5375	8411.	19293.	0.44	81	31
8	8261	8262	14865.	11522.	1.29	45	31
8	TOTALS		1016766.	1038123.	0.98		

HIGHWAY EVALUATION -- YEAR/ALT (c30) -- SCREENLINE SUMMARIES

SCREENLINE NUMBER	ANODE	BNODE	TOTAL VOLUME	TOTAL CAPACITY	VOLUME OVER CAPACITY RATIO	F T	A T
9	3749	7534	21564.	16086.	1.34	41	41
9	3798	5974	41485.	34348.	1.21	24	41
9	4132	9915	73196.	55989.	1.31	12	31
9	4135	4133	72628.	55989.	1.30	12	31
9	4141	10064	32741.	55989.	0.58	99	31
9	4152	4153	50759.	47120.	1.08	75	31
9	4444	7901	88095.	74478.	1.18	92	31
9	5725	7894	62798.	74478.	0.84	92	31
9	5956	6038	28899.	33260.	0.87	23	51
9	5958	7370	10656.	32956.	0.32	41	31
9	5959	7223	17302.	24914.	0.69	44	31
9	5962	7330	26268.	34348.	0.76	24	31
9	5963	6050	9034.	24914.	0.36	44	31
9	5966	6054	43373.	51978.	0.83	24	31
9	5969	6063	33511.	34348.	0.98	24	31
9	6078	7373	37912.	34348.	1.10	24	31
9	6092	6093	36102.	34348.	1.05	24	31
9	6110	7950	45206.	50544.	0.89	25	41
9	6112	6116	26031.	16086.	1.62	33	31
9	6120	6121	41961.	17174.	2.44	32	32
9	6126	6178	26659.	17174.	1.55	32	32
9	7893	9840	18144.	63392.	0.29	21	51
9	7894	4442	62798.	74478.	0.84	92	31
9	7901	5730	66724.	74478.	0.90	92	31
9	8224	4149	65621.	74478.	0.88	92	31
9	8328	9840	15220.	63392.	0.24	21	51
9	9915	4136	73196.	55989.	1.31	12	31
9	10064	6087	32741.	55989.	0.58	92	31
9	TOTALS		1160625.	1283065.	0.90		

HIGHWAY EVALUATION -- YEAR/ALT (c30) -- SCREENLINE SUMMARIES

SCREENLINE NUMBER	ANODE	BNODE	TOTAL VOLUME	TOTAL CAPACITY	VOLUME OVER CAPACITY RATIO	F T	A T
10	2218	2912	44304.	36218.	1.22	23	31
10	2480	2293	65425.	55989.	1.17	92	31
10	2487	5198	17813.	11522.	1.55	45	31
10	2582	3857	88573.	51978.	1.70	24	31
10	2610	7400	17315.	11522.	1.50	45	31
10	2674	9900	83485.	51978.	1.61	24	31
10	2676	9900	84914.	51978.	1.63	24	31
10	2678	2679	78418.	51978.	1.51	24	41
10	2798	2804	88518.	74478.	1.19	12	41
10	2803	2797	65424.	74478.	0.88	12	41
10	2919	2921	8872.	11522.	0.77	45	31
10	2923	9769	15292.	9218.	1.66	46	31
10	2927	9769	15296.	9218.	1.66	46	31
10	3051	3054	20848.	27826.	0.75	64	31
10	3053	3050	24829.	27826.	0.89	64	31
10	3163	3167	48969.	32652.	1.50	33	31
10	3166	3168	53267.	51978.	1.02	24	31
10	3284	3286	50103.	33392.	1.50	25	31
10	3382	7397	46848.	25044.	1.87	38	31
10	3527	3531	38581.	31609.	1.22	34	41
10	3529	7406	17360.	11522.	1.51	45	41
10	3530	3526	19947.	22761.	0.88	64	31
10	3927	8426	77801.	55989.	1.39	12	31
10	3963	3989	74812.	74478.	1.00	12	41
10	3990	4989	82230.	74478.	1.10	12	41
10	4067	4070	33767.	38587.	0.88	11	41
10	4068	5833	31110.	38587.	0.81	11	41
10	4479	2479	65013.	55989.	1.16	92	31
10	4584	7403	39168.	32652.	1.20	33	31
10	4586	7401	50495.	34348.	1.47	24	41
10	4719	4722	16290.	15218.	1.07	34	41
10	4724	7840	38208.	34348.	1.11	24	41
10	4870	7841	26965.	23608.	1.14	45	41
10	4874	8063	33281.	34348.	0.97	24	41
10	4984	4991	23263.	12108.	1.92	44	31
10	4990	4996	9081.	11522.	0.79	45	41
10	5007	8065	10633.	15457.	0.69	63	31
10	5014	5006	10403.	15457.	0.67	63	11
10	5182	5183	36767.	32728.	1.12	33	41
10	5189	5201	17390.	22761.	0.76	64	31
10	5194	5204	2863.	15022.	0.19	64	21
10	5200	5188	11746.	15022.	0.78	64	31
10	5203	5192	4467.	15022.	0.30	64	21
10	5207	5196	2954.	15022.	0.20	64	21
10	5434	5439	18337.	22761.	0.81	64	41
10	5440	5437	18962.	22761.	0.83	64	31
10	5441	8020	19907.	22761.	0.87	64	41
10	5688	5689	36604.	34348.	1.07	24	31
10	5840	5844	16977.	16892.	1.01	24	31
10	5847	7377	31918.	34348.	0.93	24	31
10	8425	3925	91985.	55989.	1.64	12	31
10		TOTALS	1927797.	1659298.	1.16		

HIGHWAY EVALUATION -- YEAR/ALT (c30) -- SCREENLINE SUMMARIES

SCREENLINE NUMBER	ANODE	BNODE	TOTAL VOLUME	TOTAL CAPACITY	VOLUME OVER CAPACITY RATIO	F T	A T
11	3669	6237	23235.	21956.	1.06	35	51
11	3811	6320	11039.	9218.	1.20	46	31
11	3814	6324	21038.	16086.	1.31	33	32
11	4336	6313	74674.	50544.	1.48	25	41
11	6244	7341	61051.	51978.	1.17	24	41
11	6253	6301	33112.	34348.	0.96	24	31
11	6299	8192	94986.	111717.	0.85	92	31
11	6326	9874	33838.	17174.	1.97	32	31
11	6329	7981	6651.	9218.	0.72	46	32
11	6358	9874	33869.	17174.	1.97	32	31
11	7986	7989	12798.	9218.	1.39	46	41
11	7995	7996	28022.	13740.	2.04	36	31
11	8193	2284	106791.	111717.	0.96	92	31
11	TOTALS		541103.	474088.	1.14		
12	2001	5331	30683.	54326.	0.56	23	44
12	2006	2007	124866.	106174.	1.18	21	32
12	2043	4473	24252.	32652.	0.74	33	31
12	2072	9736	116823.	111978.	1.04	12	31
12	2074	9737	89403.	111978.	0.80	12	31
12	2108	3569	57847.	51978.	1.11	24	31
12	2148	8175	66792.	63566.	1.05	24	43
12	2156	8154	41905.	111978.	0.37	17	31
12	3213	3214	35769.	34348.	1.04	24	31
12	5848	5849	38775.	54326.	0.71	23	32
12	9729	9736	9563.	15707.	0.61	73	31
12	9730	9733	13859.	15707.	0.88	73	31
12	9731	9736	107260.	111978.	0.96	12	31
12	9731	9737	94354.	111978.	0.84	12	31
12	9733	9731	13859.	15707.	0.88	73	31
12	TOTALS		866010.	1004381.	0.86		

HIGHWAY EVALUATION -- YEAR/ALT (c30) -- SCREENLINE SUMMARIES

SCREENLINE NUMBER	ANODE	BNODE	TOTAL VOLUME	TOTAL CAPACITY	VOLUME OVER CAPACITY RATIO	F T	A T
13	2155	8461	49060.	55989.	0.88	92	32
13	2452	8460	52326.	55989.	0.93	92	32
13	3666	6371	23523.	34392.	0.68	32	32
13	6364	6366	14068.	25000.	0.56	43	51
13	6367	6368	13420.	24696.	0.54	43	31
13	6371	7998	22256.	20544.	1.08	36	51
13	6433	8377	16868.	13740.	1.23	36	31
13	6489	7491	10317.	12260.	0.84	43	32
13	6492	6546	37337.	34348.	1.09	24	42
13	6501	6503	50202.	32652.	1.54	33	31
13	6558	6559	13177.	15326.	0.86	42	31
13	6562	6563	7551.	9218.	0.82	46	32
13	6568	6611	110.	12500.	0.01	43	51
13	8460	2120	52326.	55989.	0.93	92	32
13	8461	2454	49060.	55989.	0.88	92	32
13	TOTALS		411602.	458632.	0.90		
99	TOTALS		248452704.	243719728.	1.02	SCREEN LINE	99

TOTAL NUMBER OF LINKS	8814
TOTAL SYSTEM MILES	2017.68
TOTAL LANE MILES	6429.50
TOTAL DIRECTIONAL MILES	3434.56
TOTAL VMT USING VOLUMES	64487544
TOTAL VMT USING CAPACITY	65309564
TOTAL VMT V/C	0.99
TOTAL VHT USING VOLUMES	3970069
TOTAL VHT USING CAPACITY	3272178
TOTAL VHT V/C	1.21
TOTAL VOLUMES ALL LINKS	270567456
AVERAGE TOTAL VOLUME	30697.46
TOTAL VMT ALL LINKS	64487544
TOTAL VHT ALL LINKS	3970069
TOTAL ORIGINAL SPEED (MPH)	33.96
TOTAL CONGESTED SPEED (MPH)	19.48
TOTAL ACCIDENTS	265.19
TOTAL INJURIES	170.02
TOTAL FATALITIES	0.99
TOTAL CO EMISSIONS (KILOGRAMS)	1720569
TOTAL HC EMISSIONS (KILOGRAMS)	111402
TOTAL NO EMISSIONS (KILOGRAMS)	127408
TOTAL FUEL USE	4035630
TOTAL NEW LANE MILEAGE	0
TOTAL CONSTRUCTION COST (X \$1000)	0

TOTAL ACCIDENT COST (DOLLARS)	6739382
TOTAL USERS COST (DOLLARS)	26439752
TOTAL MAINTENANCE COST (DOLLARS)	815160
TOTAL DELAY DUE TO CONGESTION (VEH-HRS)	2263422.75

APPENDIX J

LETTERS FROM EPA AND FHWA/FTA RECOMMENDING APPROVAL OF PREVIOUS TIP CDR



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

REGION 4

ATLANTA FEDERAL CENTER
61 FORSYTH STREET
ATLANTA, GEORGIA 30303-8960

AUG 11 2004

4APT-APB

Ms. Sabrina David
Planning and Intermodal Coordinator
U.S. Department of Transportation
Federal Highway Administration
Florida Division Office
227 N. Bronough Street, Suite 2015
Tallahassee, Florida 32301

Dear Ms. David:

Thank you for your letter dated July 12, 2004, requesting our review of the transportation conformity determination for Miami-Dade County's Fiscal Year (FY) 2005-2009 Transportation Improvement Program (TIP) by August 12, 2004. The Miami-Dade County Metropolitan Planning Organization has certified that the TIP is a subset of the conforming 2025 Long Range Transportation Plan (LRTP) for this area. We have completed our review, and recommend a finding of conformity for the FY2005-2009 TIP.

Our review concluded that the five primary criteria (62 FR 43779) of the conformity rule have been met. These criteria include the following: use of the latest planning assumptions, use of the latest emissions model, use of appropriate consultation procedures, consistency with the mobile source emission budgets in the State Implementation Plan (SIP), and provisions for timely implementation of transportation control measures in the SIP.

Thank you once again for the opportunity to comment on the transportation conformity determination for Miami-Dade County's FY 2005-2009 TIP. We look forward to the review of the Miami-Dade County LRTP update this winter. If you have any questions regarding this letter, please contact Ms. Lynorae Benjamin of the Environmental Protection Agency Region 4 staff at (404) 562-9040.

Sincerely,


Kevin Smith
Acting Chief
Air Quality Modeling
and Transportation Section

cc: Hiram Walker, FTA Region 4
Brian Pessaro, FDOT



Federal Highway Administration
Florida Division Office
545 John Knox Road, Suite 200
Tallahassee, Florida 32303
(850) 942-9650

Federal Transit Administration
Region 4 Office
61 Forsyth Street, S.W., Suite 17T50
Atlanta, Georgia 30303
(404) 562-3500

September 30, 2004

Mr. José Abreu
Secretary of Transportation
Florida Department of Transportation
605 Suwannee Street
Tallahassee, Florida 32399-0450

Dear Mr. Abreu:

Subject: Fiscal Year (FY) 2005 Statewide Transportation Improvement Program (STIP)

The following is in response to the Department's letters dated **June 28 and August 31, 2004**, which transmitted for our review the FY 04/05 – 08/09 Transportation Improvement Programs (TIPs) for Florida's 26 Metropolitan Planning Organizations (MPOs) and Florida's FY 05 STIP, respectively. Our various metropolitan and statewide planning process findings and actions are summarized below:

1. Metropolitan Transportation Planning Processes, TIPs and Transportation Conformity Determinations on Florida's One-Hour Ozone "Maintenance Area" TIPs:

Based upon our review of the annual "self-certification" statements jointly developed between each of the MPOs and the Department and our joint certification reviews of Transportation Management Areas during 2004, we hereby determine that the FY 04/05 – 08/09 TIPs developed and adopted by each of Florida's 26 MPOs are based on a continuing, cooperative, and comprehensive planning process. We also hereby conclude that the content and elements of each of the TIPs generally satisfy the requirements of 23 U.S.C. 134, 49 U.S.C. 5303, 23 CFR Part 450 (Subpart C) and 49 CFR Part 613 (Subpart C).

The FY 04/05 – 08/09 TIPs developed and adopted by Florida’s six one-hour ozone “maintenance area” MPOs (Broward, Hillsborough, Pinellas, Palm Beach, First Coast, and Miami-Dade) conformity determinations must be issued by the Federal Highway Administration (FHWA) and the Federal Transit Administration (FTA), in cooperation with the Regional Office of the U.S. Environmental Protection Agency (EPA). As reflected in EPA’s recent comment letters (see enclosures), we hereby issue the FHWA/FTA conformity determinations on each of these FY 04/05 – 08/09 TIPs, pursuant to the transportation conformity requirements of Section 176(c) of the 1990 Clean Air Act Amendments and 40 CFR Parts 51 and 93.

2. Statewide Transportation Planning Process and the STIP:

23 U.S.C. 135(f)(4) and 23 CFR 450.220(b) require that the FHWA/FTA approval of the STIP include a finding that the process from which the STIP was developed is consistent with the provisions of 23 U.S.C. 134 and 135 and 49 U.S.C. 5303 – 5305. Since 1995, an “annual assessment” of various aspects of the statewide transportation planning process has been a key source of information in supporting this FHWA/FTA statewide planning finding. On July 21 and August 27, 2004, meetings were conducted with various members of your staff to discuss Florida’s statewide transportation planning process.

Enclosed for your reference and information is a copy of the summary report that concludes that the statewide transportation planning process satisfies the above requirements.

In summary, our review of the STIP, TIPs, and supporting documentation concludes that the FY 05 STIP satisfactorily addresses the process and content requirements of 23 U.S.C. 134 and 135, 49 U.S.C. 5303 and 5305, 23 CFR Part 450 (Subparts B and C) and 49 CFR Part 613 (Subparts B and C).

Therefore, based on the above, Florida’s FY 05 STIP is hereby approved.

Over the next year, we look forward to continuing our coordination with the Department, the MPOs, the local/regional transit service providers, and Florida’s other transportation stakeholders in further implementing the various transportation planning and environmental provisions of Federal reauthorization.

If you have any questions, please contact Ms. Sabrina David, AICP at (850) 942-9650, extension 3008 or Mr. Roger Krahel at (404) 562-3507.

Sincerely,

/S/Sabrina David, AICP
Robert S. Wright
Acting Division Administrator
Federal Highway Administration

/S/Roger N. Krahel
Hiram Walker
Regional Administrator
Federal Transit Administration

Enclosure(s)

cc: Ms. Kay T. Prince, EPA Region 4 (w/enclosure)
Mr. Lowell Clary, FDOT, MS-57 (w/enclosure)
Ms. Ysela Llort, FDOT, MS-57 (w/enclosure)
Mr. Kevin Thibault, MS-57 (w/enclosure)
Mr. Marion Hart, FDOT, MS-57 (w/enclosure)
Mr. James Jobe, FDOT, MS-21 (w/enclosure)
Mr. Robert Romig, FDOT, MS-28 (w/enclosure)
Mr. Howard Glassman, MPOAC, MS-28B (w/enclosure)
Mr. Stan Cann, FDOT, District 1 (w/enclosure)
Mr. Aage Schroder, FDOT, District 2 (w/enclosure)
Mr. Edward Prescott, FDOT, District 3 (w/enclosure)
Mr. Rick Chessier, FDOT, District 4 (w/enclosure)
Mr. George Gilhooley, FDOT, District 5 (w/enclosure)
Mr. John Martinez, FDOT, District 6 (w/enclosure)
Mr. Ken Hartmann, FDOT, District 7 (w/enclosure)
Mr. Jim Ely, Turnpike Enterprise (w/enclosure)

The following individuals on the below distribution list were sent electronic copies of the letter w/enclosures.

Mr. Bob Kamm, Brevard County MPO (w/enclosure)
Mr. Roger Del Rio, Broward County MPO (w/enclosure)
Mr. Mark Gamula, Charlotte County- Punta Gorda MPO (w/enclosure)
Mr. Johnny Limbaugh, Collier County MPO (w/enclosure)
Ms. Denise Bunnewith, First Coast MPO (w/enclosure)
Mr. Marlie Sanderson, Gainesville MPO (w/enclosure)
Mr. Dennis Dix, Hernando County MPO (w/enclosure)
Ms. Lucie Ayer, Hillsborough County MPO (w/enclosure)
Mr. Phil Matson, Indian River County MPO (w/enclosure)
Mr. Glen Ahlert, Lee County MPO (w/enclosure)
Mr. Michael Moore, Martin County MPO (w/enclosure)
Mr. Harold Barley, METROPLAN Orlando (w/enclosure)
Mr. Jose Luis Mesa, Miami-Dade County MPO (w/enclosure)
Mr. Randy Whitfield, Palm Beach MPO (w/enclosure)
Mr. Greg Slay, Ocala-Marion County TPO (w/enclosure)
Mr. Mike Ziegler, Okaloosa-Walton, Bay, and Florida-Alabama TPOs (w/enclosure)
Mr. Dough Uden, Pasco County MPO (w/enclosure)
Ms. Sarah Ward, Pinellas County MPO (w/enclosure)
Mr. Tom Deardorff, Polk TPO (w/enclosure)
Mr. Mike Guy, Sarasota-Manatee MPO (w/enclosure)
Ms. Cheri Fitzgerald, St. Lucie MPO (w/enclosure)
Mr. Jack Kostrzewa, Tallahassee-Leon County MPO (w/enclosure)
Mr. Karl Welzenbach, Volusia County MPO (w/enclosure)
Mr. Brian Pessaro, FDOT OPP (w/enclosure)
Mr. Kathy Neill, FDOT OPP (w/enclosure)
Mr. Rob Magee, FDOT OPP (w/enclosure)
Ms. Carolyn Ismart, FDOT EMO (w/enclosure)
Mr. Warren Merrell, FDOT Systems Planning (w/enclosure)
Mr. James Golden, FDOT Statistics (w/enclosure)
Ms. Kathleen Busenbark, EOO (w/enclosure)
Mr. Ben Walker, District 1 (w/enclosure)
Mr. Mike Rippe, District 1 Southwest Area Office (w/enclosure)
Mr. James Bennett, District 2 (w/enclosure)
Mr. Denny Wood, District 3 (w/enclosure)
Ms. Nancy Ziegler, District 4 (w/enclosure)
Mr. Gus Schmidt, District 4 (w/enclosure)
Ms. Susan Sadighi, District 5 (w/enclosure)
Mr. John Zalinski, District 5 (w/enclosure)
Mr. Raphael Dearazoza, District 6 (w/enclosure)
Mr. Bob Clifford, District 7 (w/enclosure)
Mr. Randy Fox, Turnpike Enterprise (w/enclosure)

APPENDIX K

LETTERS FROM FDOT AND FHWA APPROVING PREVIOUS CDR



Florida Department of Transportation

JEB BUSH
GOVERNOR

605 Suwannee Street
Tallahassee, FL 32399-0450

JOSE ABREU
SECRETARY

August 31, 2004

Mr. Robert S. Wright
Acting Division Administrator
Federal Highway Administration
545 John Knox Road, Suite 200
Tallahassee, Florida 32303

Re: Approval of FY 2004-05 through FY 2008-09 Transportation Improvement Programs

Dear Mr. Wright:

The Department has completed the review of the Transportation Improvement Programs (TIPs) for Florida's Metropolitan Planning Organizations (MPOs) and has concluded that all but one (Martin MPO) are consistent with federal and state law. The reviews were conducted pursuant to the processes outlined in the MPO Program Management Handbook and Procedure Topic Number 525-010-014-g, "District Review of Conformity Determinations".

Through the authority delegated by the Governor, I hereby approve the TIPs for 19 of the 20 MPOs located within air quality attainment areas. These TIPs will be effective upon the joint approval of the 2005 State Transportation Improvement Program (STIP) by the Federal Highway Administration (FHWA) and Federal Transit Administration (FTA). The Department will approve Martin MPO's TIP after it has completed the public involvement process. The TIPs of the six MPOs within air quality maintenance areas are approved contingent on a satisfactory finding of conformity by FHWA and FTA. These TIPs will also be effective upon the joint approval of the 2004 STIP by FHWA and FTA.

If the Department can be of further assistance in providing additional information, please contact Mr. Bob Romig, Director, Office of Policy Planning at 414-4800.

Sincerely,
José Abreu, P.E.
Secretary

JA:bp

cc: Sabrina David, FHWA
MPO Staff Directors
District Directors for Planning and Public Transportation
Ysela Llort
Lowell Clary
Kevin Thibault
Bob Romig



U. S. DEPARTMENT OF TRANSPORTATION

Federal Highway Administration
Florida Division
227 N. Bronough Street, Suite 2015
Tallahassee, Florida 32301
(850) 942-9650



March 14, 2002

IN REPLY
REFER TO: HPR-FL

Honorable Gwen Margolis, Chairperson
Miami-Dade Metropolitan Planning Organization
Stephen P. Clark Center
111 NW First Street, Suite 910
Miami, Florida 33128

Dear Honorable Margolis:

Subject: Federal Highway Administration/Federal Transit Administration (FHWA/FTA) Transportation Conformity Determination of the Miami-Dade Metropolitan Planning Organization's (MPO's) Year 2025 Long-Range Transportation Plan (LRTP) Update and Fiscal Year (FY) 2001/2002 – 2005/2006 Transportation Improvement Program (TIP)

The following is in response to the Miami-Dade MPO's recent development and adoption of its Year 2025 LRTP Update. Upon our review of the subject documentation, the FHWA/FTA hereby determine that the MPO's Year 2025 LRTP Update and FY 2001/02 – 2005/06 TIP satisfactorily address the requirements of 23 U.S.C. 134, 49 U.S.C. 5303, 23 CFR Part 450 (Subpart C), and 49 CFR Part 613 (Subpart C). Moreover, following coordination with the Regional Office of the U.S. Environmental Protection Agency (EPA), we hereby determine that the *Cost Feasible Element* of the MPO's Year 2025 LRTP Update conforms with the air quality State Implementation Plan pursuant to Section 176(c) of the 1990 Clean Air Act Amendments and 40 CFR Parts 51 and 93. A copy of the EPA's recent concurrence letter is enclosed for your information.

The MPO and the area's various transportation-planning partners (e.g., the Florida Department of Transportation, Miami-Dade Transit Agency, the Florida Department of Environmental Protection, and the Miami-Dade County Department of Environmental Protection Agency) are commended for the

Honorable Gwen Margolis, Chairperson
March 14, 2002

2

continued efforts to cooperatively improve the quality of the area's planning process and resulting products, including the Year 2025 LRTP Update. Please note that the LRTP must be updated at least every three years by MPOs located in air quality "nonattainment" and "maintenance" areas.

Sincerely,

/s/Sabrina David
For: James E. St. John
Division Administrator

Enclosure

cc: Mr. José Abreu, FDOT (District 6), w/enclosure
Ms. Ysela Llort, FDOT (MS-57), w/enclosure
Mr. Howard Glassman, MPOAC (MS-28B), w/enclosure
Mr. Jerry Franklin, FTA (Region 4), w/enclosure
Ms. Kay Prince, EPA (Region 4)

APPENDIX L
AIR QUALITY NEWSLETTER



Air Quality NEWSLETTER



AIR QUALITY AND THE LONG RANGE TRANSPORTATION PLAN

EXTRA, EXTRA..... NEW AIR QUALITY STANDARDS!!!



The United States Environmental Protection Agency (USEPA) has determined if air quality areas were designated today, the entire State of Florida would be in attainment for both the existing 1-hour and proposed 8-hour National Ambi-

The 8-hour standard is more representative of conditions occurring over a long-term exposure. For Miami-Dade County this is extremely critical as the local tourist industry relies upon the attractiveness of outdoor activities.

Ozone is a colorless and highly irritating gas formed by a chemical reaction between air pollutants that are often found over urban areas on hot summer days in the presence of sunlight. Two common air pollutants, nitrogen oxide (NO_x) and volatile organic compounds (VOC) react with each other to produce ground-level ozone.

bient Air Quality Standards (NAAQS). The USEPA is currently transitioning to the new 8-hour ozone and fine particulate matter ($\text{PM}_{2.5}$) national ambient air quality standards to amend the transportation conformity rule. The proposed rule was released in November and the final implementation plan will be in place after January 2004. Attainment and nonattainment areas for ozone and particulate matter will be designated by the EPA in April 2004 and December 2004, respectively.

Miami-Dade County, a maintenance area for air quality, would still be subject to conformity for a statutory one-year grace period after designation by the new standards. Conformity will not be required for either the 1-hour nonattainment or 1-hour maintenance areas after the one-year grace period when the standard is revoked.

The goal of the new standard is to better account for the effects on public health in an effort to reduce the amount of time people spend breathing elevated levels of air pollutants. The new standard is based on averaging air quality measurements over 8-hour blocks of time (any 8-hour block) for a three year period, instead of the 1-hour blocks of time mandated by the current standard. By focusing on the actual monitored concentrations instead of focusing attention on the number of days that the standard is exceeded (regardless of the level that the standard is exceeded) will provide better information of the effects on

Air Quality in Miami-Dade County

The U.S. Environmental Protection Agency (USEPA), in 1990, adopted specific amendments to the Clean Air Act that allowed the USEPA to classify areas according to the severity of the pollution problem. In 1991, Miami-Dade County was classified to be a Moderate Non-Attainment Area according to national standards for ozone.

By 1995, emission levels had been reduced which allowed Miami-Dade County to be redesignated as a Maintenance Area for air quality. This redesignation requires Miami-Dade County to show conformance to the National Ambient Air Quality Standards (NAAQS) through its Long Range Transportation Plan (LRTP) and Transportation Improvement Plan (TIP). An area that is designated (or redesignated) as a Maintenance Area must then monitor emissions for a twenty-year period to show conformance to the NAAQS.



Air Quality

NEWSLETTER

WHAT CAN YOU DO?

- Come to the MPO's Citizen Transportation Advisory Committee (CTAC) meetings. Sign up to serve on the CTAC board. For more information, call the MPO at **(305) 375-4507** and ask for Elizabeth Rockwell.
- Ride Metrobus, Metrorail, or TriRail; for more information on how to use these systems call the Miami-Dade Transit Authority's Customer Service Line at **(305) 770-3131**.
- Carpool or utilize flex time/hours at your work, for more information on carpooling contact the South Florida Services' Customer Service Line at **1-800-234-RIDE**.
- Walk or bike for short trips.
- Encourage others to consider their impacts on our air quality.
- Keep track of the South East Air Coalition for Outreach Alliance whose mission is to promote air quality programs and awareness. This alliance includes public and private organizations.

The conformity proposal, for the new 8-hour ozone and PM2.5 air quality standards, from USEPA is available for public inspection and comment at the following Internet site:

<http://www.epa.gov/otaq/transp/conform/con-reg.htm>



Air Monitoring Sites

Air monitoring sites were set up to ensure compliance with the 1990 Clean Air Act Amendments with in the Southeast Florida Airshed. The validated air monitoring data demonstrated conformance with the NAAQS and enabled the Southeast Florida Airshed to be redesignated to maintenance status in 1995.

There are currently eight (8) ambient air monitoring stations located throughout Miami-Dade County. The criteria pollutants, as defined by the Clean Air Act as ozone (O₃), carbon monoxide (CO), nitrogen dioxide (NO₂), particulates (PM10 and PM2.5), and sulfur dioxide (SO₂), are monitored to protect the public welfare and public health of the people of Miami-Dade County. The map below shows the location of each air monitoring station and identifies the pollutant monitored.

Visit us Online: <http://www.miamidade.gov/mpo>

The Southeast Florida Airshed

The Southeast Florida Airshed is made up of the tri-county area comprised of Broward, Miami-Dade, and Palm Beach counties. An airshed is a geographic area where air quality is influenced by similar sources, meteorology and terrain conditions.

Growing Together

Based on the 2000 Census, parts of Miami-Dade, Broward, and Palm Beach counties were designated as a single urbanized area. Due to the size and complexity of the Metropolitan Planning Organization (MPO) planning areas located in this urbanized area, three separate MPOs will be maintained with a stronger regional coordinated planning process emphasizing a coordinated project prioritization and selection process, regional public involvement, and coordinated air quality planning.

Congestion Mitigation and Air Quality (CMAQ) Improvement Program

The CMAQ program provides funds for surface transportation and other related projects that improve air quality and reduce congestion. Historically, the CMAQ funding for Miami-Dade has been utilized to provide programs that include bike/pedestrian programs, ride-sharing, ITS projects, and expansion of the transit system. When Miami-Dade County is designated as an attainment area under the new 8-hour NAAQS it still unclear what will happen to these funds.

Southeast District of the Department of Environmental Protection

The Southeast District of the Department of Environmental Protection has formed a Southeast Air Coalition for Outreach (SEACO), which consists of partnerships of public and private organizations. SEACO was tasked to improve air quality within Palm Beach, Broward and Miami-Dade Counties. Their mission is "to promote air quality programs and awareness by forming a multi agency and cross media council."

SEACO will assist other outreach programs through public awareness programs and education. Their focus is to reach more people through coordinated efforts of the three counties and their pooled resources.

For more information contact the US Environmental Protection Agency's website: <http://www.epa.gov>

Air Quality NEWSLETTER



DID YOU KNOW?

Volatile Organic Chemicals (VOCs) are "Organic chemicals that contain the element carbon; VOCs include gasoline, industrial chemicals such as benzene, solvents such as toluene and xylene, and tetrachloroethylene. Many volatile organic chemicals are also hazardous air pollutants; for example, benzene causes cancer." (USEPA website)

Nitrogen Oxides (NO_x) "are produced from burning fuels, including gasoline and coal. Nitrogen Oxides are smog formers, which react with VOCs to form smog. NO_xs are also major components of acid rain." (USEPA website)

Carbon Monoxide (CO) is an odorless, colorless poisonous gas produced by the incomplete combustion of fuels. Vehicle exhaust is the main source of carbon monoxide in the atmosphere and is found mainly along major roads and intersections.

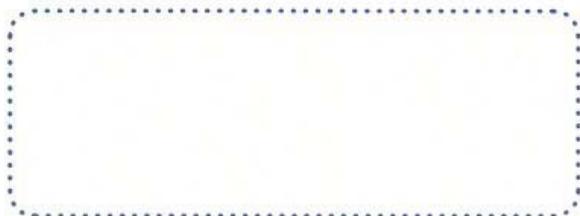
Particulate Matter are small air pollutant particles in the air including soot, dust, dirt, fly ash and small liquid drops. PM10 includes particles with a diameter of 10 micrometers or less and PM2.5 (fine particles) includes particles less than 2.5 micrometers in diameter.

Sulfur Dioxide (SO₂) is a colorless reactive gas emitted from burning or processing fossil fuels and coal.

TEA-21 Reauthorization: Congress has approved legislation that authorizes a 5-month extension of TEA-21. This extension provides for 5/12 of the expected funding for existing programs for the new fiscal year beginning October 1, 2003. The extension also provides for the necessary time to finalize legislation for the Safe, Accountable, Flexible and Efficient Transportation Equity Act of 2003, (SAFETEA) which is the reauthorization of TEA-21 for the next 6-year period from 2004-2010.

www

For this document in accessible format, please call (305) 375-4507



Metropolitan Planning Organization
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Website: www.miamidade.gov/mpo



PLACE
HERE
US POSTAGE



APPENDIX M
YEAR 2030 LRTP PUBLIC INVOLVEMENT BROCHURES



Miami-Dade Transportation Plan To The Year 2030

GET INVOLVED.



Summer 2004

Planning Our Transportation Future



UPDATING THE PLAN

The draft **Miami-Dade Transportation Plan to the Year 2030** (the Plan) is being developed to guide federal, state, and local transportation expenditures between now and 2030. This comprehensive plan will consist of highway, transit, bicycle, and pedestrian improvements.

The Plan development process involves months of technical work and public involvement activities. At present, the Plan is being developed through the use of a detailed travel demand forecasting model and other analytical tools, the results of which are evaluated by the Miami-Dade MPO's Transportation Planning Council.

The travel demand forecasting model considers:

- current system of roadway and transit facilities;
- current population and employment;
- current traffic and transit ridership;
- future land use, population, and employment; and
- future traffic and transit ridership.

The Transportation Planning Council, before making its recommendation, considers:

- the results of the travel demand forecasts;
- historic preservation and right-of-way constraints;
- air quality, environmentally sensitive areas, and natural resources;
- future, anticipated financial capability; and
- the concerns and desires of the community.

Currently, a list of projects, or Needs Plan, is being developed to identify all transportation facility improvements that will be "needed"



through the Year 2030 to meet the area's projected transportation requirements, regardless of project cost. The Needs Plan will include projects from all modes of transportation and will be developed through input from citizens, local governments, Florida Department of Transportation, and local and regional transportation agencies. A Financial Resources analysis is also being conducted to project the anticipated funding available to design and construct the projects.

Finally, a Cost Feasible Plan will be developed that depicts those major capital improvement projects the County can reasonably expect to afford. The Cost Feasible Plan will represent the highest priority projects from the Needs Plan that are within the financial capabilities of Miami-Dade County. In the next few months, draft copies of the Cost Feasible Plan will be developed.



Plan de Transporte para Miami-Dade hasta el año 2030

iPARTICIPÉ!



Verano del 2004

Estamos planificando el futuro del transporte



ACTUALIZACIÓN DEL PLAN

Se está preparando el **Plan de Transporte para Miami-Dade hasta el año 2030**, que impondrá directrices para los gastos que se efectúen en el área de transporte en Miami-Dade hasta el año 2030. Este plan maestro comprenderá obras que mejorarán las autopistas, el transporte público, así como la infraestructura para ciclistas y peatones.

El proceso para elaborar el plan lleva meses de trabajo técnico y de actividades de participación ciudadana. Para llevar a cabo el plan, se está utilizando un modelo detallado para pronosticar la demanda de viajes, así como otros recursos de análisis. El Concejo de Planificación del Transporte, conformado por representantes estatales, representantes de agencias tanto regionales como locales y ciudadanos, evalúa los resultados del proceso de análisis antes mencionado.

El modelo para pronosticar la demanda de viajes considera:

- El sistema actual de vías públicas y equipos de transporte público;
- La población y los empleos actuales;
- El tránsito y los usuarios del transporte público actuales;
- El uso de los terrenos, la población y los empleos futuros; y
- El tránsito y los usuarios del transporte público en el futuro.

Para llegar a una recomendación, el Concejo de Planificación del Transporte considera:

- Los resultados de los pronósticos de demanda de viajes;
- Las restricciones a la luz de la conservación histórica y las franjas públicas;
- Los recursos naturales, la calidad del aire y las zonas ecológicas protegidas;
- La capacidad financiera prevista para el futuro; y
- Las sugerencias y los deseos de la comunidad.



Para satisfacer las necesidades de transporte en la zona, independientemente del costo de los proyectos, se está preparando una lista de proyectos, o "plan de necesidades", con el objeto de identificar todas las obras en el área de transporte que deberán realizarse hasta el año 2030. El plan de necesidades, que incluirá proyectos para todos los medios de transporte, se confeccionará teniendo en cuenta la opinión de los ciudadanos, los gobiernos locales, las agencias de transporte y el Departamento de Transporte de la Florida. También, se está llevando a cabo un análisis de recursos financieros para proyectar la financiación disponible para el diseño y la construcción de los proyectos.

Por último, se preparará un plan de costos viables, el que describe los proyectos de obras de capital más importantes que se prevé que el Condado podrá costear. El plan de costos viables representará los proyectos prioritarios del plan de necesidades que estén dentro de la capacidad financiera del Condado de Miami-Dade. En los próximos meses, se confeccionará un borrador de ese plan.



Plan Transpòtasyon Miami-Dade Jiska Lane 2030

PATISIPE.



Ete 2004

Planifikasyon Avni Transpòtasyon Nou



METE PLAN AN AJOU

Chema Plan Transpòtasyon Miami-Dade pou Ane 2030 ap devlope pou gide depans transpòtasyon lokal, eta, federal de kounyeyan a 2030. Plan byen detaye sa a va gen yen ladan li amelyorasyon pou otowout, transpò piblik, wout bisiklèt ak pyeton.

Pwosesis devlopman Plan an genyen ladan li de mwa travay teknik ak aktivite patisipasyon piblik. Kounyeyan, devlopman Plan an ap fèt apati de divès demann deplasman byen detaye baze sou de modèl previzyon ak lòt zouti pou analize travay lan. Rezulta sa yo evalye pa Konsèy Planifikasyon Transpòtasyon an ki gen manm ki fè pati reprezantan eta, reyjonal ak ajans lokal epi senp sitwayen.

Modèl previzyon demann deplasman an pran an konsiderasyon:

- lokal transpò piblik yo ak sistèm wout aktyèl yo;
- anplwa ak popilasyon aktyèl la;
- kantite aktyèl vwayajè transpò piblik epi sikilasyon aktyèl lan;
- sèvis teren, popilasyon, ak anplwa nan lavni; epi
- kantite vwayajè transpò piblik nan lavni epi sikilasyon nan lavni.

Konsèy Planifikasyon Transpòtasyon an, anvan li bay rekòmandasyon liyo, pran an konsiderasyon:

- rezulta previzyon demann deplasman yo;
- prezèvasyon istorik ak kontrent dwa pasaj yo;
- kalite lèzè, zòn anviwonnan sansib yo, ak resous natirèl yo;
- kapasite finansye antisipe pou lavni; epi
- dezi ak tèt chaje kominate an.



Aktyèlman, yon lis pwojè, oswa Bezwen Plan yo, ap devlope pou idantifye tout fòm amelyorasyon lokal transpòtasyon ke yo pral "bezwen" pandan ane 2030 lan pou ranpli ekzijans transpòtasyon pwojè pou zòn fè lan, san sè regadan sou pri pwojè an. 'Bezwen' Plan yo va enkli pwojè tout fòm transpòtasyon epi va devlope de patisipasyon sitwayen yo, gouvnènman lokal yo, Depatman Transpòtasyon Florid, ak ajans transpòtasyon yo. Yon analiz Resous Finansye ap mennen tou pou pwojè fon lajan disponib pou desinen ak konstwi pwojè yo.

Finalman, yon Plan Frè Reyalizab va devlope pou montre pwojè amelyorasyon pi enpòtan yo ke yo va atann aske Konte an kapab peye. Plan Frè Reyalizab la va prezante pwojè priyorité yo ki nan Bezwen Plan yo ki tonbe nan kapasite finansye Konte Miami-Dade. Nan pwochen mwa a veni yo, yon kopi chema Plan Frè Reyalizab la pral devlope.



Miami-Dade Transportation Plan To The Year 2030

GET INVOLVED.

Summer 2004



Beach/CBD

Planning Our Transportation Future



BEACH/CBD TRANSPORTATION PLANNING AREA

Updating the Plan as Miami-Dade County Grows

The Miami-Dade County Metropolitan Planning Organization (MPO) is currently updating its Transportation Plan to the Year 2030. Proposed highway, transit, bicycle, and pedestrian improvements to meet the future travel demand in Miami-Dade County are identified in the Miami-Dade Transportation Plan. This Plan guides investments to upgrade the transportation system to meet the projected travel demand for the next twenty-five years.

The county's population is expected to exceed 3.0 million and its employment base to surpass 1.5 million by 2030. The resulting transportation needs are numerous. Travel demand is expected to increase significantly over the next 26 years. The traffic that is associated with this growth, as measured in total trips, is projected to grow 32% in the Beach/CBD Transportation Planning Area and 43% Countywide. Projects for the Transportation Plan are being formulated to help accommodate the additional trips and to help alleviate future deficiencies in the roadway network facilities.



BOUNDARIES AND CORRIDORS

The Beach/CBD Transportation Planning Area includes the barrier islands along Biscayne Bay, parts of northeast Miami-Dade County, and the Miami Central Business District (CBD). Communities that are a part of this area include downtown Miami and the cities of Miami Beach, North Bay Village and Aventura and the towns of Golden Beach, Surfside, Bal Harbour, Indian Creek Village, and Bay Harbor Islands. The Beach/CBD Transportation Planning Area also includes sections of the cities of Miami, North Miami, and North Miami Beach; sections of the Villages of Biscayne Park and Miami Shores; and the neighborhoods of Little Havana and the Roads areas of the City of Miami. The Beach/CBD Planning Area is unique as it is traversed by seven causeways linking the mainland to the Beach Area.

GOALS

The goals of the Miami-Dade Transportation Plan are to develop a transportation system that optimizes the movement of people and goods while reinforcing sustainability, equitability, and environmental compatibility.

Goals for the Year 2030:

- Improve Transportation Systems & Travel
- Support Economic Vitality
- Enhance Social Benefits
- Mitigate Environmental & Energy Impacts
- Integrate Transportation with Land Use & Development Considerations
- Optimize Sound Investment Strategies

For more information, questions, or comments, please contact the Miami-Dade MPO, Project Manager, *Miami-Dade Transportation Plan to the Year 2030*, at 111 N.W. First Street, Suite 910, Miami, Florida 33128.
Phone: (305) 375-4507 • Fax: (305) 375-4950 • E-mail: mpo@miamidade.gov



Miami-Dade Transportation Plan To The Year 2030

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CENTRAL TRANSPORTATION PLANNING AREA

Updating the Plan as Miami-Dade County Grows

The Miami-Dade County Metropolitan Planning Organization (MPO) is currently updating its Transportation Plan to the Year 2030. Proposed highway, transit, bicycle, and pedestrian improvements to meet the future travel demand in Miami-Dade County are identified in the Miami-Dade Transportation Plan. This Plan guides investments to upgrade the transportation system to meet the projected travel demand for the next twenty-five years.

The county's population is expected to exceed 3.0 million and its employment base to surpass 1.5 million by 2030. The resulting transportation needs are numerous. Travel demand is expected to increase significantly over the next 26 years. The traffic that is associated with this growth, as measured in total trips, is projected to grow 28% in the Central Transportation Planning Area and 43% Countywide. Projects for the Transportation Plan are being formulated to help accommodate the additional trips and to help alleviate future deficiencies in the roadway network facilities.



BOUNDARIES AND CORRIDORS

The Central Transportation Planning Area in Miami-Dade County includes the area east of SW 76th Avenue, south of SW 30th Street to generally west of NW 37th Avenue, and north of SW 136th Street. This area includes the cities of South Miami and Miami Springs, and the villages of Key Biscayne, Pinecrest, and Virginia Gardens as well as sections of the cities of Hialeah, Coral Gables, and Miami. The Central Area is traversed by several of Miami-Dade's most important transportation corridors, including the SR-826/Palmetto Expressway, the SR-836/East-West Expressway, US-1/South Dixie Highway, Okeechobee Road, SW 8th Street/Tamiami Trail, Flagler Street, and Le Jeune Road.

GOALS

The goals of the Miami-Dade Transportation Plan are to develop a transportation system that optimizes the movement of people and goods while reinforcing sustainability, equitability, and environmental compatibility.

Goals for the Year 2030:

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Miami-Dade Transportation Plan To The Year 2030

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NORTH TRANSPORTATION PLANNING AREA

Updating the Plan as Miami-Dade County Grows

The Miami-Dade County Metropolitan Planning Organization (MPO) is currently updating its Transportation Plan to the Year 2030. Proposed highway, transit, bicycle, and pedestrian improvements to meet the future travel demand in Miami-Dade County are identified in the Miami-Dade Transportation Plan. This Plan guides investments to upgrade the transportation system to meet the projected travel demand for the next twenty-five years.

The county's population is expected to exceed 3.0 million and its employment base to surpass 1.5 million by 2030. The resulting transportation needs are numerous. Travel demand is expected to increase significantly over the next 26 years. The traffic that is associated with this growth, as measured in total trips, is projected to grow 32% in the North Transportation Planning Area and 43% Countywide. Projects for the Transportation Plan are being formulated to help accommodate the additional trips and to help alleviate future deficiencies in the roadway network facilities.



BOUNDARIES AND CORRIDORS

The North Transportation Planning Area includes the portion of Miami-Dade County south of the Broward/Miami-Dade County Line, east of NW 52nd Avenue and NW 37th Avenue (connected by Gratigny Parkway), north of NW North River Drive/MacArthur Causeway, and west of Biscayne Bay. This area includes major sections of the cities of Miami Gardens, Opa-Locka, Miami, North Miami, North Miami Beach, Miami Shores, the Town of El Portal, and major neighborhoods including Carol City, Norland, and Biscayne Gardens. The North Area is traversed by several important corridors including I-95, Florida's Turnpike, SR-826/Palmetto Expressway, SR-9/27th Avenue, US-1 Biscayne Boulevard, SR-934/79th Street, SR-112/Airport Expressway, I-195/Julia Tuttle Causeway, Venetian Causeway, and I-395/US 41 MacArthur Causeway.

GOALS

The goals of the Miami-Dade Transportation Plan are to develop a transportation system that optimizes the movement of people and goods while reinforcing sustainability, equitability, and environmental compatibility.

Goals for the Year 2030:

- Improve Transportation Systems & Travel
- Support Economic Vitality
- Enhance Social Benefits
- Mitigate Environmental & Energy Impacts
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Miami-Dade Transportation Plan To The Year 2030

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Summer 2004



NW
Northwest

Planning Our Transportation Future



NORTHWEST TRANSPORTATION PLANNING AREA

Updating the Plan as Miami-Dade County Grows

The Miami-Dade County Metropolitan Planning Organization (MPO) is currently updating its Transportation Plan to the Year 2030. Proposed highway, transit, bicycle, and pedestrian improvements to meet the future travel demand in Miami-Dade County are identified in the Miami-Dade Transportation Plan. This Plan guides investments to upgrade the transportation system to meet the projected travel demand for the next twenty-five years.

The county's population is expected to exceed 3.0 million and its employment base to surpass 1.5 million by 2030. The resulting transportation needs are numerous. Travel demand is expected to increase significantly over the next 26 years. The traffic that is associated with this growth, as measured in total trips, is projected to grow 45% in the Northwest Transportation Planning Area and 43% Countywide. Projects for the Transportation Plan are being formulated to help accommodate the additional trips and to help alleviate future deficiencies in the roadway network facilities.



BOUNDARIES AND CORRIDORS

The Northwest Transportation Planning Area includes the northwestern part of Miami-Dade County west of NW 52nd Avenue and north of SW 8th Street/Tamiami Trail and Dolphin Expressway/SR 836. This area includes the cities of Doral, Hialeah, Hialeah Gardens, Sweetwater, and Miami Lakes, the Town of Medley, the Lake District, and the Doral and Airport West commercial and industrial areas. The Northwest Area is traversed by several important transportation corridors including the SR-826/Palmetto Expressway, I-75, Okeechobee Road, SW 8th Street/Tamiami Trail, and Krome Avenue.

GOALS

The goals of the Miami-Dade Transportation Plan are to develop a transportation system that optimizes the movement of people and goods while reinforcing sustainability, equitability, and environmental compatibility.

Goals for the Year 2030:

- Improve Transportation Systems & Travel
- Support Economic Vitality
- Enhance Social Benefits
- Mitigate Environmental & Energy Impacts
- Integrate Transportation with Land Use & Development Considerations
- Optimize Sound Investment Strategies

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Miami-Dade Transportation Plan To The Year 2030

GET INVOLVED.

Summer 2004



Planning Our Transportation Future



SOUTH TRANSPORTATION PLANNING AREA

Updating the Plan as Miami-Dade County Grows

The Miami-Dade County Metropolitan Planning Organization (MPO) is currently updating its Transportation Plan to the Year 2030. Proposed highway, transit, bicycle, and pedestrian improvements to meet the future travel demand in Miami-Dade County are identified in the Miami-Dade Transportation Plan. This Plan guides investments to upgrade the transportation system to meet the projected travel demand for the next twenty-five years.

The county's population is expected to exceed 3.0 million and its employment base to surpass 1.5 million by 2030. The resulting transportation needs are numerous. Travel demand is expected to increase significantly over the next 26 years. The traffic that is associated with this growth, as measured in total trips, is projected to grow 67% in the South Transportation Planning Area and 43% Countywide. Projects for the Transportation Plan are being formulated to help accommodate the additional trips and to help alleviate future deficiencies in the roadway network facilities.



BOUNDARIES AND CORRIDORS

The South Transportation Planning Area in Miami-Dade County includes the county south of Kendall Drive/SW 88th Street south to the Monroe/Miami-Dade County. This area includes the cities of Homestead and Florida City, the villages of Palmetto Bay and Pinecrest, and various neighborhoods including Rockdale, Perrine, Cutler, Peters, Bel Aire, Cutler Ridge, Franjo, Goulds, Naranja, Princeton, and South Allapattah. The South Area is traversed by several important corridors, including the SR-821/Homestead Extension of Florida's Turnpike, South Dixie Highway (US-1), Killian Parkway, Old Cutler Road, and Krome Avenue.

GOALS

The goals of the Miami-Dade Transportation Plan are to develop a transportation system that optimizes the movement of people and goods while reinforcing sustainability, equitability, and environmental compatibility.

Goals for the Year 2030:

- Improve Transportation Systems & Travel
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Miami-Dade Transportation Plan To The Year 2030

GET INVOLVED.



Summer 2004



Planning Our Transportation Future



WEST TRANSPORTATION PLANNING AREA

Updating the Plan as Miami-Dade County Grows

The Miami-Dade County Metropolitan Planning Organization (MPO) is currently updating its Transportation Plan to the Year 2030. Proposed highway, transit, bicycle, and pedestrian improvements to meet the future travel demand in Miami-Dade County are identified in the Miami-Dade Transportation Plan. This Plan guides investments to upgrade the transportation system to meet the projected travel demand for the next twenty-five years.

The county's population is expected to exceed 3.0 million and its employment base to surpass 1.5 million by 2030. The resulting transportation needs are numerous. Travel demand is expected to increase significantly over the next 26 years. The traffic that is associated with this growth, as measured in total trips, is projected to grow 37% in the West Transportation Planning Area and 43% Countywide. Projects for the Transportation Plan are being formulated to help accommodate the additional trips and to help alleviate future deficiencies in the roadway network facilities.



BOUNDARIES AND CORRIDORS

The West Transportation Planning Area includes the west central section of Miami-Dade County north of Kendall Drive/SW 88th Street, south of Tamiami Trail/SW 8th Street, east of Krome Avenue, and west of SW 76th Avenue. This area includes all or portions of the Cities of Coral Gables, South Miami, West Miami, and several neighborhoods including Westwood Lakes, Kendall Lakes, Sweetwater, Fontainbleau, and Country Walk. The West Area is traversed by several important corridors including the SR-826/Palmetto Expressway, SR-874/Don Shula Expressway, SR-821/Homestead Extension of Florida's Turnpike, South Dixie Highway, and Krome Avenue.

GOALS

The goals of the Miami-Dade Transportation Plan are to develop a transportation system that optimizes the movement of people and goods while reinforcing sustainability, equitability, and environmental compatibility.

Goals for the Year 2030:

- Improve Transportation Systems & Travel
- Support Economic Vitality
- Enhance Social Benefits
- Mitigate Environmental & Energy Impacts
- Integrate Transportation with Land Use & Development Considerations
- Optimize Sound Investment Strategies



For more information, questions, or comments, please contact the Miami-Dade MPO, Project Manager, *Miami-Dade Transportation Plan to the Year 2030*, at 111 N.W. First Street, Suite 910, Miami, Florida 33128.
Phone: (305) 375-4507 • Fax: (305) 375-4950 • E-mail: mpo@miamidade.gov

APPENDIX N

YEAR 2030 LRTP ADOPTION PUBLIC HEARING ADVERTISEMENTS



PUBLIC HEARING

The Governing Board of the Metropolitan Planning Organization (MPO) for the Miami Urbanized Area will hold a public hearing on Thursday, November 18, 2004, at 2:00 p.m. in the County Commission Chambers, Stephen P. Clark Center, 111 NW First Street, Miami, Florida for the purpose of approving:

1. AIR QUALITY CONFORMITY DETERMINATION 2030 LONG RANGE TRANSPORTATION PLAN (LRTP)

The Air Quality Conformity Determination Report for the Miami-Dade Transportation Plan to the Year 2030 in compliance with the 1990 Clean Air Act Amendment requirements.

2. 2030 LONG RANGE TRANSPORTATION PLAN (LRTP) UPDATE

The Miami-Dade Long Range Transportation Plan Update to the Year 2030 has been developed to guide transportation investments in Miami-Dade County through the next twenty-five years with the purpose of achieving the best possible mobility connections in the transportation system of Miami-Dade. The Proposed 2030 Plan is comprehensive in nature and include improvements to roadways, transit facilities, bicycle, pedestrian facilities, and greenways and trails. The proposed Plan contains projects totaling over \$19 billion over the next twenty-five years.

3. FY 2005 TRANSPORTATION IMPROVEMENT PROGRAM AMENDMENTS

a. SR 836/I-395

This amendment will add \$54,900.00 to the current year funding of the TIP in order to advance acquisition and support right-of-way phases for the subject project.

b. Road Impact Fee District #6

The proposed amendment will include funding for traffic studies for SW 264th Street from US-1 to SW 249th Avenue and SW 211th Street from US-1 to the Florida Turnpike. These studies will be funded through the "Continuing Programs" of Resurfacing, T.O.P.I.C.S. and Traffic Control Devices under Road Impact Fee, District 6 which includes Homestead, Florida City and Unincorporated Miami-Dade County. The proposed cost for each study is \$50,000.

Copies of the LRTP and TIP are available for public inspection from the MPO Secretariat, Stephen P. Clark Center, 111 N.W. First Street, Suite 910, Miami, Florida 33128, phone: (305) 375-4507, e-mail: mpo@miamidade.gov, website: www.miamidade.gov/mpo. It is the policy of Miami-Dade County to comply with all requirements of the American with Disability Act. For sign language interpretation, please call five days in advance.

FOR IMMEDIATE RELEASE

July 7, 2004

Media Contact:Elizabeth Rockwell
305.375.1881**CITIZENS CAN PARTICIPATE IN THE FUTURE OF MIAMI-DADE COUNTY'S
TRANSPORTATION SYSTEM BY ATTENDING A
LONG RANGE TRANSPORTATION PLAN WORKSHOP**

(Miami-Dade County, FL) - Do you want to see more transit in your area? Would you like upgrades to your roadways? Perhaps you would like to see a bike or pedestrian trail in your neighborhood! The Miami-Dade Metropolitan Planning Organization (MPO), the agency responsible for the transportation planning process in Miami-Dade County, is updating its Long Range Transportation Plan (LRTP) and is looking for your suggestions, ideas, and comments.

The LRTP is being developed to guide federal, state, and local transportation expenditures between now and 2030. This comprehensive plan will consist of highway, transit, bicycle, pedestrian, and other type of improvements for alleviating traffic congestion.

The Plan identifies the transportation system needs and how to get there safely and efficiently. The needs of existing and future businesses and citizens are considered and a list of projects is created. Solutions will include new, creative, and innovative approaches to current transportation challenges.

Miami-Dade County has been divided into six Transportation Planning Areas (TPA) of analysis for purposes of presentation during the public meetings for the Miami-Dade Transportation Plan to the Year 2030. The six TPAs are: Beach/Central Business District (CBD); Central; Northwest; North; South; and West.

To assist the MPO in gathering citizen input, the Citizens Transportation Advisory Committee (CTAC) will be hosting the following seven public involvement workshops in the six TPAs from 6 PM to 8 PM:

- July 20, 2004 -North Dade Regional Library, 2455 NW 183 Street, Miami, FL 33056
- July 20, 2004 -Miami Lakes Library, 6699 Windmill Gate Road, Miami Lakes, FL 33014
- July 21, 2004 -Miami Beach City Hall, 1700 Convention Center Drive, Miami Beach, FL 33139
- July 21, 2004 -West Kendall Regional Library, 10201 Hammocks Blvd., Miami, FL 33196
- July 22, 2004 -South Miami City Hall, 6130 Sunset Drive, South Miami, FL 33143
- July 22, 2004 -Homestead City Hall, 790 North Homestead Blvd., Homestead, FL 33030
- July 26, 2004 -Joseph Caleb Center, 5400 NW 22nd Avenue, Miami, Florida 33142

All interested parties are invited to attend. For further information, please contact the MPO Secretariat at (305) 375-4507, e-mail: mpo@miamidade.gov, or visit the website at www.miamidade.gov/mpo.

#



FATIGE AK TOUT TRAKA. SIKILAYON MALOUK?

EDIE RETIRE MALOUK LA LADAM LA

Vini an Pèson Oswa konekte sou Televizyon Miami-Dade
Reyini Ansanm Ak Vwazen Nou Yo Pa telefòn, Faks, oswa Imel
Pou Yon Reylyon Patisipasyon An Dirèk Sou
Pwogram Amelyorasyon Transpòtasyon (TIP)
ak Plan Transpòtasyon A Lon Tèm (LRTP)

Nou bezwen pawòl pa nou nan hoze an!

Mèkredi, 24 Mas 2004

6:00 p.m. a 8:00 p.m.

Sal Konferans Komisyón (BCC Chambers)

Stephen P. Clark Center

111 N.W. 1 Street



- RÈLE (305) 375-1843
- E-MAIL mpo@miamidade.gov
- FAKS (305) 375-4950

PATWONE PA KOMITE KONSEY SITWAYEN POU TRANSPOTASYON (CTAC),
KOMITE KONSEY BISIKLET AK MOUN APYE (BPAC) AK KOMITE REVIZYON ESTETIK TRANSPOTASYON (TARC)
YON KOPI TIP A DISPONIB POU NOU WÈ OSWA TELECHAJE SOU WWW.MIAMIDADE.GOV/MPO

download the bid package (s) free of charge, from our Website ([www.miamidade.gov/dpm/](http://WWW.MIAMIDADE.GOV/DPM/)) under "Solicitations Online". Bid/proposals must be submitted in a sealed envelope or container and will be opened promptly at the submittal deadline. Bids/proposals received after the first bid/proposal envelope or container has been opened will not be opened or considered. The responsibility for submitting a bid proposal to Miami-Dade County on or before the stated time and date, is solely and strictly the responsibility of the bidder. Miami-Dade County is not responsible for delays caused by any mail, package or courier service, including the U.S mail, or caused by any other Bid proposals from prospective vendors must be received in the Clerk of the Board Office located at 111NW 1st Street, 17th Floor, Suite 202, Miami, Fl 33128, by no later than 2:00PM on the bid opening date in order to be considered. This bid solicitation is subject to the "Cone of Silence" in accordance with County Ordinance No.98-106.

The following bid (s) will open at 2:00 PM on
Wednesday April 07, 2004

1767-WS **AIR COMPRESSORS, TRAILER MOUNTED (250 SCFM MODEL)** Cost \$10.00

6740-2/07-0TR **RECORD STORAGE CONTAINERS WITH DETACHABLE LIDS** Cost \$10.00
The contract includes Bid Preference Provisions for Certified Black Business Enterprises (BBE'S).

7587-0/09 **BLOWERS (Industrial type), EXHAUST FANS, AIR CURTAINS & ACCESSORIES** Cost \$10.00

7590-3/08.ORT **LANDSCAPING & LAWN MAINTENANCE SERVICE For Human Services Department.** Cost \$10.00

This contract requires Insurance.
A pre-bid conference will be held on Tuesday March 23, 2004 at 10:00 AM at the Opalocka Center located at 16405 NW 25th Avenue, Miami, Fl. Attendance is mandatory. For specific sites, dates & start locations please see paragraph 2-8 on the Special Conditions of the Bid Package.



FATIGE AK TOUT TRAKA SIKILAYON MALOUK?

EDE RETIRE MALOUK LA LADAN LI

Vini an Pèsòn Oswa konekte sou Televizyon Miami-Dade
Reyini Ansanm Ak Vwazen Nou Yo Pa telefòn, Faks, oswa Imel
Pou Yon Reyinyon Patisipasyon An Dirèk Sou
Pwogram Amelyorasyon Transpòtasyon (TIP)
ak Plan Transpòtasyon A Lon Tèm (LRTP)

Nou bezwen pawòl pa nou nan koze an!

Mèkredi, 24 Mas 2004

6:00 p.m. a 8:00 p.m.

Sal Konferans Komisyón (BCC Chambers)

Stephen P. Clark Center

111 N.W. 1 Street



- RELE (305) 375-1843
- E-MAIL mpo@miamidade.gov
- FAKS (305) 375-4950

PATWONE PA KOMITE KONSEY SITWAYEN POU TRANSPOTASYON (CTAC),
KOMITE KONSEY BISIKLÉT AK MOUN APYE (BPAC) AK KOMITE REVIZYON ESTETIK TRANSPOTASYON (TARC)
YON KOPI TIP A DISPONIB POU NOU WÈ OSWA TELECHAJE SOU WWW.MIAMIDADE.GOV/MPO

cord

and ended up forcing me to spend money on weapons that don't fill a vital need in these times of tight budgets and new requirements."

He was particularly critical of members of Congress who engage in pork barrel politics by pressuring the Defense Department to move forward on the development of the M-1 tank and the F-14 and F-16 fighters and other weapons that "we have enough of."

Although military spending represents only 20 percent of the federal budget, it eats up approximately half of all federal discretionary spending.

With so much being spent on the military, growing federal deficits fueled by tax cuts that primarily benefits the wealthy, Bush is particularly vulnerable on domestic issues. A recent USA Today/CNN poll shows Kerry leading Bush 52 percent to 44 percent, largely because the public believes Kerry will do a better job of handling such issues as the economy, health care, education and Social Security. Bush's overall rating in the USA Today poll was 49 percent, matching his lowest rating in late January.

Republicans plan to spend \$133 million over the next few months to "redefine" Senator Kerry. If this is typical of the way they plan to do that, they are not trying to "redefine" Kerry, they are trying to mis-define him.



Tired of the Traffic Tie-up?

HELP UNDO THE KNOT

Come In Person Or Tune Into Miami-Dade Television
(Ch. 34, or check your cable system for channel)
Join Your Neighbors By Phone, Fax or E-mail
For A Live Interactive Meeting On The
Transportation Improvement Program (TIP) and
the Long Range Transportation Plan (LRTP).

WE NEED YOUR INPUT!

Wednesday, March 24, 2004

6:00 p.m. to 8:00 p.m.

Commission Chambers (Downtown Miami)
Stephen P. Clark Center
111 N.W. 1 Street



- CALL (305) 375-1843
- E-MAIL mpo@miamidade.gov
- FAX (305) 375-4950

CO-HOSTED BY CITIZENS TRANSPORTATION ADVISORY COMMITTEE (CTAC), BICYCLE PEDESTRIAN ADVISORY COMMITTEE (BPAC) & TRANSPORTATION AESTHETICS REVIEW COMMITTEE (TARC). A DRAFT OF THE TIP MAY BE VIEWED AND/OR DOWNLOADED AT www.miamidade.gov/mpo

Walgreens

Sale Thursday, March 18 thru Saturday, March 20, 2004

and much more!



ATM or Debit Cards

Walgreens Coupon

Sale Thurs. 3/18 thru Sat. 3/20/04



Tired of the Traffic Tie-up?

HELP UNDO THE KNOT

Come In Person Or Tune Into Miami-Dade Television
(Ch. 34, or check your cable system for channel)

Join Your Neighbors By Phone, Fax or E-mail
For A Live Interactive Meeting On The
Transportation Improvement Program (TIP) and
the Long Range Transportation Plan (LRTP).

WE NEED YOUR INPUT!

Wednesday, March 24, 2004

6:00 p.m. to 8:00 p.m.

**Commission Chambers (Downtown Miami)
Stephen P. Clark Center
111 N.W. 1 Street**



- CALL (305) 375-1843
- E-MAIL mpo@miamidade.gov
- FAX (305) 375-4950

CO-HOSTED BY CITIZENS TRANSPORTATION ADVISORY COMMITTEE (CTAC), BICYCLE
PEDESTRIAN ADVISORY COMMITTEE (BPAC) & TRANSPORTATION AESTHETICS
REVIEW COMMITTEE (TARC). A DRAFT OF THE TIP MAY BE VIEWED AND/OR
DOWNLOADED AT www.miamidade.gov/mpo

The Miami Herald
The Herald BROWARD

el Nuevo Herald

PUBLISHED DAILY

MIAMI, FLORIDA

**STATE OF FLORIDA
COUNTY OF DADE**

Before the undersigned authority personally appeared:

Sonia Correa

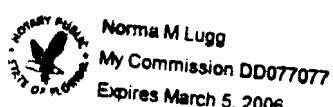
who on oath says that she is an

Account Executive

of The Miami Herald, a daily newspaper published at Miami in Dade County, Florida; that the advertisements for **Miami-Dade County** appeared in said newspaper in the issues of:

Beach Neighbors, March 21st, 2004, Pg. 29SO

Affidavit further says that the said Miami Herald is a newspaper published at Miami, in the said Dade County, Florida and that the said newspaper has heretofore been continuously published in said Dade County, Florida, each day and has been entered as second class mail matter at the post office in Miami, in said Dade County, Florida, for a period of one year next preceding the first publication of the attached copy of advertisement.



Sworn to and subscribed before me

This 22nd day of March, 2004

The Miami Herald
The Herald BROWARD

El Nuevo Herald

PUBLISHED DAILY

MIAMI, FLORIDA

STATE OF FLORIDA
COUNTY OF DADE

Before the undersigned authority personally appeared:

Sonia Correa

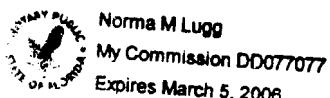
who on oath says that she is an

Account Executive

of The Miami Herald, a daily newspaper published at Miami in Dade County, Florida; that the advertisements for **Miami-Dade County** appeared in said newspaper in the issues of:

El Nuevo Herald, March 21st, 2004, Pg. 22A

Affidavit further says that the said Miami Herald is a newspaper published at Miami, in the said Dade County, Florida and that the said newspaper has heretofore been continuously published in said Dade County, Florida, each day and has been entered as second class mail matter at the post office in Miami, in said Dade County, Florida, for a period of one year next preceding the first publication of the attached copy of advertisement.



Sworn to and subscribed before me

This 22nd day of March, 2004

The Miami Herald
The Herald BROWARD

el Nuevo Herald

PUBLISHED DAILY

MIAMI, FLORIDA

**STATE OF FLORIDA
COUNTY OF DADE**

Before the undersigned authority personally appeared:

Sonia Correa

who on oath says that she is an

Account Executive

of The Miami Herald, a daily newspaper published at Miami in Dade County, Florida; that the advertisements for **Miami-Dade County** appeared in said newspaper in the issues of:

Beach Neighbors, March 21st, 2004, Pg. 20MB
North Neighbors, March 21st, 2004, Pg. 18N
North Central Neighbors, March 21st, Pg. 12NC
North West Neighbors, March 21st, Pg. 12NW
East Neighbors, March 21st, 2004, Pg. 10E
West Neighbors, March 21st, 2004, Pg. 17W
South Neighbors, March 21st, 2004, Pg. 29SO

Affidavit further says that the said Miami Herald is a newspaper published at Miami, in the said Dade County, Florida and that the said newspaper has heretofore been continuously published in said Dade County, Florida, each day and has been entered as second class mail matter at the post office in Miami, in said Dade County, Florida, for a period of one year next preceding the first publication of the attached copy of advertisement.



Sworn to and subscribed before me

This 31st day of March, 2004



Carolyn Mason
MY COMMISSION # DD148187 EXPIRES
September 6, 2006
BONDED THRU TROY FAIN INSURANCE, INC



**Contribuya a acabar con
los "tranques"**

Acuda en persona o sintonice a Miami-Dade Televisión
(Canal 34 o averigüe el número para el canal en
su sistema de televisión por cable)
Únase a sus vecinos por teléfono, fax o correo
electrónico en una reunión interactiva en vivo del
Programa de Obras en el Transporte (TIP, sus siglas en
inglés) y el Plan de Transporte a Largo Plazo (LRTP)

¡NECESITAMOS SU PARTICIPACIÓN!

**El miércoles 24 de marzo del 2004
de 6:00 p.m a 8:00 p.m.
en el auditorio de la Junta de Comisionados
del Condado ("downtown" de Miami)
Centro Stephen P. Clark, 111 NW 1ra Calle**

Haga saber su parecer
POR TELÉFONO AL (305) 375-1843
POR CORREO ELECTRÓNICO AL:
mpo@miamidade.gov
POR FAX AL (305) 375-4950

TAMBIÉN AUSPICIAN EL COMITÉ CÍVICO CONSULTIVO DE TRANSPORTE (CTAC, su sigla en inglés), EL COMITÉ CONSULTIVO PARA CICLISTAS Y PEATONES (BPAC, su sigla en inglés) y el COMITÉ DE REVISIÓN ESTÉTICA DEL TRANSPORTE (TARC, su sigla en inglés)
PARA VER O BAJAR LA PROPUESTA PARA EL TIP, ACUDA A WWW.MIAMIDADE.GOV/IMPO



APPENDIX O
MPO YEAR 2030 LRTP ADOPTION RESOLUTIONS

MPO RESOLUTION # 39-04**RESOLUTION APPROVING THE AIR QUALITY CONFORMITY DETERMINATION REPORT FOR THE MIAMI-DADE TRANSPORTATION PLAN TO THE YEAR 2030**

WHEREAS, the Interlocal Agreement creating and establishing the Metropolitan Planning Organization (MPO) for the Miami Urbanized Area requires that the MPO provide a structure to evaluate the adequacy of the transportation planning and programming process, and

WHEREAS, the Transportation Planning Council has been established and charged with the responsibility and duty of fulfilling the aforementioned functions, and

WHEREAS, the TPC has reviewed the air quality conformity determination and finds it consistent with the federal and state requirements, and

WHEREAS, statutory regulations governing the MPO program require that the urban area long range transportation plan be the subject of a major update every three years and comply with the requirements of the Clean Air Act Amendment of 1990, and

WHEREAS, the Federal Clean Air Act Amendment require that "No department, agency, or instrumentality of the Federal Government shall engage in, support in any way or provide financial assistance for license or permit, or approve an activity which does not conform to an implementation plan after it has been approved or promulgated under Section 110"; and

WHEREAS, "No Metropolitan Planning Organization designated under Title 23 of the U.S. Code, shall give its approval to any project, program or plan which does not conform to an implementation plan approved or promulgated under Section 110"; and

WHEREAS, the federal air quality conformity regulation (40 Code of Federal Regulations Part 51, subpart T) requires that the conformity of the currently conforming Transportation Improvement Program (TIP) must be redetermined within six months from the date of adoption of a new or revised long range plan by MPO (40 CFR 51, 400).

WHEREAS, the projects contained in the 2030 Transportation Plan and its subset, the FY 2005-2009 TIP, do not contradict in a negative manner any specific requirements or commitments contained in the State Implementation Plan (SIP); and

WHEREAS, the Environmental Protection Agency (EPA) Conformity Rule requires that transportation plans contribute to reductions in volatile organic compounds (VOC) and nitrogen oxides (NOx) emissions in future years compared against an emissions budget; and

WHEREAS, the emissions modeling is consistent with the most recent population, employment and travel congestion estimates; and

WHEREAS, the 2025 Transportation Plan and its subset, the FY 2005-2009 TIP, would result in less VOCs and NOx emissions in all future years when compared against 1990 Base Year emissions for the Miami Urbanized area; and

WHEREAS, the emissions associated the 2030 Transportation Plan does not exceed any of the VOCs or NOx emissions budget contained in the State Implementation Plan for the Miami Urbanized Area; and

WHEREAS, the TPC has documented that the contents of the transportation plan meet the requirements of 40 CFR 93.106, and that the emission budgets used in the conformity analysis are those contained in the SIP's approved maintenance plan, and the conformity analysis meets the analysis requirements of 40 CFR 93.118.

NOW, THEREFORE, BE IT RESOLVED BY THE GOVERNING BOARD OF THE METROPOLITAN PLANNING ORGANIZATION FOR THE MIAMI URBANIZED AREA:

SECTION 1. That the Miami-Dade Transportation Plan to the Year 2030 Air Quality Conformity Determination Report and the air quality conformity redetermination for current fiscal year 2005-2009 Transportation Improvement Program is hereby approved.

The foregoing resolution was offered by Board Member Javier D. Souto who moved its adoption. The motion was seconded by Board Member Dorrin D. Rolle, and upon being put to a vote, the vote was as follows:

Chairperson

Barbara M. Carey-Shuler, Ed.D-Absent

Board Member Bruno A. Barreiro	-Aye	Board Member Joe A. Martinez	-Absent
Board Member Joe J. Celestin	-Absent	Board Member Raul L. Martinez	-Absent
Board Member Jose "Pepe" Diaz	-Absent	Board Member Dennis C. Moss	-Aye
Board Member Manuel A. Diaz	-Aye	Board Member Dorrin Rolle	-Aye
Board Member Shirley M. Gibson	-Absent	Board Member Natacha Seijas	-Aye
Board Member Carlos A. Gimenez	-Aye	Board Member Darryl K. Sharpton	-Aye
Board Member Perla T. Hantman	-Absent	Board Member Jose Smith	-Aye
Board Member Sally A. Heyman	-Aye	Board Member Katy Sorenson	-Aye
Board Member Barbara J. Jordan	-Aye	Board Member Rebeca Sosa	-Absent
Board Member William H. Kerdyk	-Absent	Board Member Javier D. Souto	-Aye
Board Member M. Ronald Krongold	-Aye		

The Chairperson thereupon declared the resolution duly passed and approved this 18th day of November, 2004.



MPO RESOLUTION # 40-04**RESOLUTION APPROVING THE MIAMI-DADE TRANSPORTATION PLAN UPDATE TO THE YEAR 2030**

WHEREAS, the Interlocal Agreement creating and establishing the Metropolitan Planning Organization (MPO) for the Miami Urbanized Area requires that the MPO provide a structure to evaluate the adequacy of the transportation planning and programming process, and

WHEREAS, the Transportation Planning Council has been established and charged with the responsibility and duty of fulfilling the aforementioned functions, and

WHEREAS, statutory regulations governing the MPO program require that the urban area Long Range Transportation Plan be the subject of a major update every three years, and

WHEREAS, the TPC has reviewed the Transportation Plan made a part hereof and finds it consistent with the goals and objectives of the Transportation Plan for the Miami Urbanized Area.

NOW, THEREFORE, BE IT RESOLVED BY THE GOVERNING BOARD OF THE METROPOLITAN PLANNING ORGANIZATION FOR THE MIAMI URBANIZED AREA:

SECTION 1. That the Year 2030 Long Range Transportation Plan (LRTP) Update is hereby approved.

SECTION 2. That the SW 137th Avenue Project is removed from the proposed 2030 LRTP and that staff provide the Board with a land-use analysis for this project.

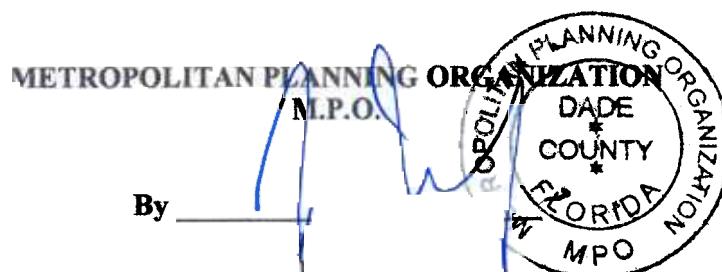
The foregoing resolution was offered by Board Member Natcha Seijas who moved its adoption. The motion was seconded by Board Member Bruno A. Barreiro, and upon being put to a vote, the vote was as follows:

Chairperson

Barbara M. Carey-Shuler, Ed.D-Absent

Board Member Bruno A. Barreiro	-Aye	Board Member Joe A. Martinez	-Absent
Board Member Joe J. Celestin	-Absent	Board Member Raul L. Martinez	-Absent
Board Member Jose "Pepe" Diaz	-Absent	Board Member Dennis C. Moss	-Aye
Board Member Manuel A. Diaz	-Aye	Board Member Dorrin Rolle	-Aye
Board Member Shirley M. Gibson	-Absent	Board Member Natacha Seijas	-Aye
Board Member Carlos A. Gimenez	-Aye	Board Member Darryl K. Sharpton	-Aye
Board Member Perla T. Hantman	-Absent	Board Member Jose Smith	-Aye
Board Member Sally A. Heyman	-Aye	Board Member Katy Sorenson	-Aye
Board Member Barbara J. Jordan	-Aye	Board Member Rebeca Sosa	-Absent
Board Member William H. Kerdyk	-Absent	Board Member Javier D. Souto	-Aye
Board Member M. Ronald Krongold	-Aye		

The Chairperson thereupon declared the resolution duly passed and approved this 18th day of November, 2004.



APPENDIX P
MPO SUBCOMMITTEE AGENDAS



Chairperson
Michael Moore

Members

Frank Baron
Chuck Blowers
Jeff Cohen
Bruce Coward
Wilson Fernandez
David Fialkoff
Carl Filer
Mario G. Garcia
David Henderson
Marie Jarman
Amelia Johnson
Henry Johnson
David Korros
Delfin Molins
Kent Rice
Carlos Roa
Manuel A. Rodriguez
Jesus Sanchez
Vivian G. Villaamil
Mark R. Woerner

Non-Voting Members
Ossama Al-Aschkar
Willie Duckworth
Christina Miskis

Alternates
Frank Baumann
Bob Cincotta
Bob Daniels
Mayra Diaz
Karen McGuire
Lilia Medina
José A. Ramos

Contact information
Michael Moore
Miami-Dade MPO
111 NW First Street
Suite 910
Miami, Florida 33128
305.375.4507
305.375.4950 (fax)
mmoore@miamidade.gov
www.miamidade.gov/mpo

MEETING OF WEDNESDAY, October 29, 2003 AT 2 PM

**LONG-RANGE TRANSPORTATION PLAN
TRANSPORT 2030 STEERING COMMITTEE**

STEPHEN P. CLARK CENTER
111 NW FIRST STREET
MIAMI, FLORIDA 33128
Conference Room 12-1

PRELIMINARY AGENDA

- I. APPROVAL OF AGENDA**
- II. APPROVAL OF MINUTES**
 - September 23, 2003
- III. STATUS REPORT ON CURRENT WORK**
 - a. MPO and Consultant Team Work Progress
 - i. Air Quality Brochure
 - ii. Public Involvement
 - iii. Socioeconomic Data
 - 1. ZDATA1 Population
 - 2. ZDATA2 Employment Data
 - 3. Schools
 - b. Modeling Subcommittee
 - i. Status of Base Year Network
 - ii. Lifestyle Trip Generation Model
- IV. DISCUSSION ITEMS**
 - Proposed LRTP Amendment Process
- V. ACTION ITEMS**
 - Goals and Objectives
- VI. INFORMATION ITEMS**
 - a. TransPlex2003 Conference
 - b. Transit Corridor Workshop & MPO meeting
 - c. Gannett Fleming FTP Site
- VII. NEXT MEETING**

TUESDAY, DECEMBER 9, 2003 – CONFERENCE ROOM 18-2



Chairperson
Michael Moore

Members

Frank Baron
Chuck Blowers
Jeff Cohen
Bruce Coward
Wilson Fernandez
David Fialkoff
Carl Filer
Mario G. Garcia
David Henderson
Marie Jarman
Amelia Johnson
Henry Johnson
David Korros
Delfin Molins
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Non-Voting Members
Ossama Al-Aschkar
Willie Duckworth
Christina Miskis

Alternates
Frank Baumann
Bob Cincotta
Bob Daniels
Mayra Diaz
Karen McGuire
Lilia Medina
José A. Ramos

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111 NW First Street
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Miami, Florida 33128
305.375.4507
305.375.4950 (fax)
mmoore@miamidade.gov
www.miamidade.gov/mpo

MEETING OF TUESDAY, December 9, 2003 AT 2 PM
LONG-RANGE TRANSPORTATION PLAN
TRANSPORT 2030 STEERING COMMITTEE

STEPHEN P. CLARK CENTER
111 NW FIRST STREET
MIAMI, FLORIDA 33128
Conference Room 18-2

PRELIMINARY AGENDA

- I. APPROVAL OF AGENDA**
- II. APPROVAL OF MINUTES**
 - October 29, 2003
- III. STATUS REPORT ON CURRENT WORK**
 - a. MPO and Consultant Team Work Progress
 - i. Air Quality Brochure
 - ii. Public Involvement
 - iii. Revised Socioeconomic Data
 - 1. ZDATA1 Population
 - 2. ZDATA2 Employment Data
 - b. Modeling Subcommittee
 - i. Traffic Counts
 - ii. Highway Network
 - iii. Transit Network
 - iv. Preliminary Validation Results
- IV. INFORMATION ITEMS**
 - a. Model Task Force
 - b. December MPO Meeting
 - i. Goals and Objectives
 - ii. Proposed LRTP Amendment Process
- V. NEXT MEETING**

WEDNESDAY, JANUARY 28, 2004



Chairperson
Michael Moore

Members

Frank Baron
Chuck Blowers
Jeff Cohen
Bruce Coward
Wilson Fernandez
David Fialkoff
Carl Filer
Mario G. Garcia
David Henderson
Marie Jarman
Amelia Johnson
Henry Johnson
David Korros
Delfin Molins
Kent Rice
Carlos Roa
Manuel A. Rodriguez
Jesus Sanchez
Vivian G. Villaamil
Mark R. Woerner

Non-Voting Members
Ossama Al-Aschkar
Willie Duckworth
Christina Miskis

Alternates

Frank Baumann
Bob Cincotta
Bob Daniels
Mayra Diaz
Karen McGuire
Lilia Medina
José A. Ramos

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MEETING OF WEDNESDAY, January 28, 2004 AT 2 PM

**LONG-RANGE TRANSPORTATION PLAN
TRANSPORT 2030 STEERING COMMITTEE**

STEPHEN P. CLARK CENTER
111 NW FIRST STREET
MIAMI, FLORIDA 33128
Conference Room 18-2

PRELIMINARY AGENDA

- I. APPROVAL OF AGENDA**
- II. APPROVAL OF MINUTES**
 - December 9, 2003
- III. STATUS REPORT ON CURRENT WORK**
 - a. MPO and Consultant Team Work Progress
 - i. Air Quality Brochure
 - ii. Public Involvement
 - iii. Socioeconomic Data
 - 1. 2000 SE Data Review (Per Frank's request)
 - 2. 2030 SE Data Status
 - b. Model Validation
 - c. E + C NetworkStatus of Base Year Network
 - i. Highway Network
 - ii. Transit Network
- IV. DISCUSSION ITEMS**
 - Non Motorized Vehicles
- V. ACTION ITEMS**
- VI. INFORMATION ITEMS**
- VII. NEXT MEETING**

TUESDAY, February 17, 2003 – CONFERENCE ROOM 18-4



Chairperson
Carlos Roa

Members

Frank Baron
Chuck Blowers
Winsome Bowen
Jeff Cohen
Bruce Coward
Wilson Fernandez
Carl Filer
Mario G. Garcia
David Henderson
Amelia Johnson
David Korros
Alfred Lurigados
Lilia Medina
Delfin Molins
Kent Rice
Jonathan Roberson
Manuel A. Rodriguez
Vivian G. Villaamil
Mark R. Woerner

Non-Voting Members
Ossama Al-Aschkar
Willie Duckworth
Christina Miskis

Alternates

Bill Austin
Paola Baez
Frank Baumann
Arturo Bolivar
Bob Daniels
Mayra Diaz
Marie Jarman
Karen McGuire
José A. Ramos

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MEETING OF Tuesday September 22, 2004 AT 10:00 AM

**LONG-RANGE TRANSPORTATION PLAN
TRANSPORT 2030 STEERING COMMITTEE**

STEPHEN P. CLARK CENTER
111 NW FIRST STREET
MIAMI, FLORIDA 33128
12 Floor Front Conference Room

PRELIMINARY AGENDA

I. APPROVAL OF AGENDA

II. APPROVAL OF MINUTES

- August 16, 2004 Steering Committee No. 14
- August 24, 2004 Steering Committee No. 15

III. DISCUSSION ITEMS

- 2030 LRTP Cost Feasible Plan Priorities
- Regional Plan
- Air Quality Determination
- TPC / MPO Meeting
- Other

IV. NEXT MEETING

No additional meetings are scheduled. The MPO Project Manager will notify you if additional meetings are scheduled.



Citizens' Transportation
Advisory Committee
of the Miami-Dade Metropolitan
Planning Organization

Chairperson
Mike Hatcher

First Vice-Chairperson
Norman Wartman

Second Vice-Chairperson
Naomi Wright

Members
Rolando Acosta
Andrew Burgess
Wendy Carr
Kenneth Carsto
Rafael Casals
Joseph M. Corradino
José de Almagro
Carlos Diaz Padron
Willie Duckworth
Daniel Fils-Aime
Joseph Fontana
José Garrido
Hudson Gaulman, Jr.
Mac Glasgow
Frank Hernandez
Peggy Hollander
Ramon Irigoyen
Marlon L. Kelly, Sr.
Mario Martinez-Malo
Kimberly Miller
Martin Nash
Emma Pringle
Ramon Ramos
Paul Schwiep
Lee Swerdlin
Janak Thakkar
Jeffrey Wander
John Westbrook
Andrea Young
Frank Zeinali

Honorary Member
Dorothy Cissel (*late*)

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erock@miamidade.gov
www.miamidade.gov/mpo



**MEETING OF WEDNESDAY, OCTOBER 6, 2004
FROM 5:30 – 8:00 PM**

CITIZENS' TRANSPORTATION ADVISORY COMMITTEE

STEPHEN P. CLARK CENTER
111 NW FIRST STREET
MIAMI, FLORIDA 33128
18th FLOOR – ROOM 2 (18-2)

JOINT SUBCOMMITTEE

Agenda

- I. APPROVAL OF FULL AGENDA**
- II. COMMENTS FROM PUBLIC – 3 Minutes Each**

SPECIAL SUBCOMMITTEE

Subcommittee Chair: Mr. Mike Hatcher

- 1. MIAMI-DADE COUNTY LONG RANGE TRANSPORTATION PLAN UPDATE TO THE YEAR 2030 – Carlos Roa**
- 2. PTP MATCHING FEDERAL FUNDS UPDATE**
- 3. ADJOURN SUBCOMMITTEE**

TRANSIT SUBCOMMITTEE

Subcommittee Chair: Mr. Lee Swerdlin

- 1. MIAMI BEACH ELECTROWAVE SYSTEM STUDY UPDATE**
- 2. ADJOURN SUBCOMMITTEE**

III. NEW BUSINESS TO BE PLACED ON THE CTAC WORKING LIST

IV. ADJOURNMENT



Citizens' Transportation
Advisory Committee
of the Miami-Dade Metropolitan
Planning Organization

Chairperson
Mike Hatcher

First Vice-Chairperson
Norman Wartman

Second Vice-Chairperson
Naomi Wright

Members
Rolando Acosta
Andrew Burgess
Wendy Carr
Kenneth Carsto
Rafael Casals
Joseph M. Corradino
José de Almagro
Carlos Diaz Padron
Willie Duckworth
Daniel Fils-Aime
Joseph Fontana
José Garrido Jr.
Hudson Gaulman, Jr.
Mac Glasgow
Frank Hernandez
Peggy Hollander
Ramon Irigoyen
Marlon L. Kelly, Sr.
Mario Martinez-Malo
Kimberly Miller
Martin Nash
Emma Pringle
Ramon Ramos
Paul Schwiep
Lee Swerdlin
Janak Thakkar
Jeffrey Wander
John Westbrook
Andrea Young
Frank Zeinali

Honorary Member
Dorothy Cissel (*late*)

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www.miamidade.gov/mpo



MEETING OF WEDNESDAY, OCTOBER 20, 2004 AT 5:30 – 8:00 PM

CITIZENS' TRANSPORTATION ADVISORY COMMITTEE

STEPHEN P. CLARK CENTER
111 NW FIRST STREET
MIAMI, FLORIDA 33128
COUNTY COMMISSION CHAMBERS

AGENDA

- I. APPROVAL OF AGENDA
- II. APPROVAL OF MINUTES - *Meeting of September 22, 2004*
- III. WELCOME NEW MEMBERS
- IV. PUBLIC COMMENT - *3 Minutes Each Speaker*
- V. DRAFT RESOLUTIONS FROM SUBCOMMITTEE
 - A. CTAC RESOLUTION 23-04 RECOMMENDING APPROVAL OF THE LONG RANGE TRANSPORTATION PLAN UPDATE TO THE YEAR 2030 AND CERTIFYING COMPLIANCE WITH THE CLEAN AIR ACT AMENDMENT OF 1990
- VI. ACTION ITEMS
 - A. DISCUSSION ON RESOLUTION REGARDING STUDYING SCHOOL FLASHERS – *Mike Hatcher*
- VII. INFORMATION ITEMS
 - A. MIAMI BEACH ELECTROWAVE SYSTEM STUDY UPDATE – *Steve Reich, CUTR*
 - B. EVERGLADES SKYWAY PRESENTATION – *Jonathan Ullman, Sierra Club*
- VIII. CHAIRMAN'S REPORT TO THE COMMITTEE
- IX. CTAC SECRETARIAT'S REPORT
- X. MEMBER REPORTS ON OTHER MEETINGS RELATED TO TRANSPORTATION
- XI. NEW BUSINESS TO BE PLACED ON THE CTAC WORKING LIST
- XII. ADJOURNMENT

MPO Committee Meeting Dates:

CTAC Subcommittee	11/03/04
CTAC Full Committee	11/17/04
MPO Governing Board	11/18/04
TPC	11/08/04
TPTAC	No Meeting
BPAC	11/17/04
TARC	11/03/04



Chairperson
Michael Moore

Members

Frank Baron
Chuck Blowers
Jeff Cohen
Bruce Coward
Wilson Fernandez
David Fialkoff
Carl Filer
Mario G. Garcia
David Henderson
Marie Jarman
Amelia Johnson
Henry Johnson
David Korros
Delfin Molins
Kent Rice
Carlos Roa
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MEETING OF WEDNESDAY, October 29, 2003 AT 2 PM

**LONG-RANGE TRANSPORTATION PLAN
TRANSPORT 2030 STEERING COMMITTEE**

STEPHEN P. CLARK CENTER
111 NW FIRST STREET
MIAMI, FLORIDA 33128
Conference Room 12-1

PRELIMINARY AGENDA

- I. APPROVAL OF AGENDA**
- II. APPROVAL OF MINUTES**
 - September 23, 2003
- III. STATUS REPORT ON CURRENT WORK**
 - a. MPO and Consultant Team Work Progress
 - i. Air Quality Brochure
 - ii. Public Involvement
 - iii. Socioeconomic Data
 - 1. ZDATA1 Population
 - 2. ZDATA2 Employment Data
 - 3. Schools
 - b. Modeling Subcommittee
 - i. Status of Base Year Network
 - ii. Lifestyle Trip Generation Model
- IV. DISCUSSION ITEMS**
 - Proposed LRTP Amendment Process
- V. ACTION ITEMS**
 - Goals and Objectives
- VI. INFORMATION ITEMS**
 - a. TransPlex2003 Conference
 - b. Transit Corridor Workshop & MPO meeting
 - c. Gannett Fleming FTP Site
- VII. NEXT MEETING**

TUESDAY, DECEMBER 9, 2003 – CONFERENCE ROOM 18-2



**Transportation Planning
Council
of the Miami-Dade
Metropolitan Planning
Organization**

Chairperson
Jose Luis Mesa

Aviation
Angela Gittens

DERM
John Renfrow

MDX
Servando M. Parapar

Public Schools
Vivian Villaamil

Planning & Zoning
Diane O'Quinn-Williams

Public Works
Aristides Rivera

Seaport
Charles A. Towsley

Transit
Roosevelt Bradley

Dade League of Cities
Gary Brown

City of Hialeah
Jorge E. Hernandez

City of Miami
Mary H. Conway

City of Miami Gardens
Jay Marder

City of North Miami
Clarance Patterson

City of Miami Beach
Fred Beckman

SRFTA (Tri-Rail)
Michael Williams

Florida D.E.P.
Bruce Offord

Florida D.O.T.
Gary L. Donn
Javier Rodriguez

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www.co.miami-dade.fl.us/mpo



MEETING OF MONDAY NOVEMBER 8th, 2004 AT 2:00 PM

TRANSPORTATION PLANNING COUNCIL

STEPHEN P. CLARK CENTER
111 NW FIRST STREET

18th FLOOR CONFERENCE ROOM 2

AGENDA

I. APPROVAL OF AGENDA

II. APPROVAL OF MINUTES

- Meeting of October 12, 2004

III. MPO COMMITTEES UPDATE

- A. CITIZEN TRANSPORTATION ADVISORY COMMITTEE (CTAC)
- B. BICYCLE PEDESTRIAN ADVISORY COMMITTEE (BPAC)
- C. TRANSPORTATION AESTHETICS REVIEW COMMITTEE (TARC)
- D. FREIGHT TRANSPORTATION ADVISORY COMMITTEE (FTAC)

IV. ACTION ITEMS

A. 2030 LONG RANGE TRANSPORTATION PLAN (LRTP) AIR QUALITY CONFORMITY DETERMINATION

RESOLUTION RECOMMENDING APPROVAL OF THE AIR QUALITY CONFORMITY DETERMINATION REPORT FOR THE MIAMI-DADE TRANSPORTATION PLAN TO THE YEAR 2030 (*MPO SECRETARIAT*)

B. 2030 LONG RANGE TRANSPORTATION PLAN (LRTP) UPDATE

RESOLUTION RECOMMENDING APPROVAL OF THE MIAMI-DADE TRANSPORTATION PLAN UPDATE TO THE YEAR 2030 (*MPO SECRETARIAT*)

C. FY 2005 TRANSPORTATION IMPROVEMENT PROGRAM

RESOLUTION RECOMMENDING APPROVAL OF AN AMENDMENT TO FISCAL YEAR 2005 TRANSPORTATION IMPROVEMENT PROGRAM TO INCLUDE FUNDING FOR TRAFFIC STUDIES FOR SW 264TH STREET FROM US-1 TO SW 149TH AVENUE AND SW 211TH STREET FROM US-1 TO THE FLORIDA TURNPIKE (*PUBLIC WORKS DEPARTMENT*)

D. FY 2005 TRANSPORTATION IMPROVEMENT PROGRAM

RESOLUTION RECOMMENDING APPROVAL OF AN AMENDMENT TO THE FY 2005 TRANSPORTATION IMPROVEMENT PROGRAM TO ADD FUNDING TO STATE ROAD 836/I-395 PROJECT TO ACCOMPLISH THE ADVANCED ACQUISITION AND SUPPORT OF RIGHT-OF-WAY PHASES (*FLORIDA D.O.T.*)

E. FY 2005 TRANSPORTATION IMPROVEMENT PROGRAM

RESOLUTION RECOMMENDING APPROVAL OF AN AMENDMENT TO THE FY 2005 TIP TO INCLUDE FUNDING FOR IMPROVEMENTS ON STATE ROAD 856/WILLIAM LEHMAN CAUSEWAY (*FLORIDA D.O.T.*)

F. FY 2005 TRANSPORTATION IMPROVEMENT PROGRAM

RESOLUTION RECOMMENDING APPROVAL OF AN AMENDMENT TO THE FY 2005 TIP TO INCLUDE ROLL-FORWARD PROJECTS THAT WERE ORIGINALLY SCHEDULED IN THE STATE FISCAL YEAR 2004 TIP FOR AUTHORIZATION AND WERE NOT OBLIGATED BY JUNE 30, 2004 (*FLORIDA D.O.T.*)

G. FY 2005 TRANSPORTATION IMPROVEMENT PROGRAM
RESOLUTION RECOMMENDING APPROVAL OF AN AMENDMENT TO THE FY 2005 TIP TO INCLUDE THE MIAMI INTERMODAL CENTER-EARLINGTON HEIGHTS METRORAIL CONNECTOR (*FLORIDA D.O.T.*)

H. FY 2005 TRANSPORTATION IMPROVEMENT PROGRAM
RESOLUTION RECOMMENDING APPROVAL OF AN AMENDMENT TO THE FY 2005 TIP TO INCLUDE THE KENDALL TOWN CENTER-TRANSIT HUB (*FLORIDA D.O.T.*)

I. AMENDMENT TO THE FORMAT OF THE MUNICIPAL GRANT PROGRAM INTERLOCAL AGREEMENTS
RESOLUTION AMENDING THE MUNICIPAL GRANT PROGRAM AWARD GRANT APPLICATION PROCEDURE TO INCLUDE NEW REQUIREMENTS (*MPO SECRETARIAT*)

J. AMENDMENT TO THE TRANSPORTATION ENHANCEMENTS PROGRAM REQUIREMENTS
RESOLUTION ENDORSING AN AMENDMENT TO THE TRANSPORTATION ENHANCEMENTS PROGRAM PROCESS TO INCLUDE CRITERIA THAT ENSURE PROJECTS ARE IMPLEMENTED IN A TIMELY MANNER (*MPO SECRETARIAT*)

K. INTERLOCAL AGREEMENT
RESOLUTION RECOMMENDING APPROVAL OF AN INTERLOCAL AGREEMENT BETWEEN THE METROPOLITAN PLANNING ORGANIZATION (MPO) AND FLORIDA INTERNATIONAL UNIVERSITY (FIU) METROPOLITAN CENTER TO PREPARE THE ANNUAL AND QUARTERLY MPO NEWSLETTER (*MPO SECRETARIAT*)

L. FY 2005 TRANSPORTATION IMPROVEMENT PROGRAM AMENDMENT
RESOLUTION RECOMMENDING APPROVAL OF AN AMENDMENT TO THE FY 2005 TRANSPORTATION IMPROVEMENT PROGRAM TO INCLUDE FUNDING FROM ROAD IMPACT FEE DISTRICT 6 FOR IMPROVEMENTS ON CARD SOUND ROAD FROM US-1 TO MIAMI-DADE/MONROE COUNTY LINE (*PUBLIC WORKS DEPARTMENT*)

V. INFORMATION ITEMS

- A. REQUEST BY CITT TO EXPAND THE SCOPE OF THE PROPOSED SCHOOL FLASHING SIGNALS STUDY
- B. FDOT DRAFT STRATEGIC INTERMODAL SYSTEM (SIS): STATUS REPORT
- C. SUNNY ISLES BEACH PEDESTRIAN/BICYCLE GREENWAY BRIDGE FEASIBILITY STUDY
- D. CONNECTING TRANSIT CENTERS STUDY
- E. RAIL CONVERTIBILITY STUDY RECOMMENDATIONS

VI. CORRESPONDENCE



Governing Board

Chairperson

Barbara Carey-Shuler,
Ed.D.

Voting Members

Bruno A. Barreiro
Joe J. Celestin
Jose "Pepe" Diaz
Manuel A. Diaz
Betty T. Ferguson
Shirley M. Gibson
Perla T. Hantman
Sally A. Heyman
William H. Kerdyk
M. Ronald Krongold
Joe A. Martinez
Raul L. Martinez
Jimmy L. Morales
Dennis C. Moss
Dorrin D. Rolle
Natacha Seijas
Darryl K. Sharpton
Jose Smith
Katy Sorenson
Rebeca Sosa
Javier D. Souto

Non-Voting Members

(FDOT District VI)
John Martinez, P.E.
Gary L. Donn, P.E.

County Mayor

Alex Penelas

County Manager

George M. Burgess

Assistant County Manager

Bill Johnson

MPO Secretariat Director

Jose Luis Mesa, Ph.D.

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METROPOLITAN PLANNING ORGANIZATION GOVERNING BOARD

MEETING OF THURSDAY, NOVEMBER 18, 2004 AT 2:00 PM

STEPHEN P. CLARK CENTER
111 NW FIRST STREET
MIAMI, FLORIDA 33128
COUNTY COMMISSION CHAMBERS

AGENDA

1. APPROVAL OF AGENDA
2. APPROVAL OF MINUTES
 - October 18, 2004
3. MPO COMMITTEES AND SPECIAL REPORTS

- a. CITIZENS TRANSPORTATION ADVISORY COMMITTEE (CTAC)
- b. TRANSPORTATION AESTHETICS REVIEW COMMITTEE (TARC)
- c. BICYCLE PEDESTRIAN ADVISORY COMMITTEE (BPAC)
- d. FREIGHT TRANSPORTATION ADVISORY COMMITTEE (FTAC)
- e. MIAMI-DADE EXPRESSWAY AUTHORITY (MDX)
 - 1. MDX Status Report
 - 2. Presentation on State Road 836 Extension to 137th Avenue

4. PUBLIC HEARING ITEMS:

- a. **2030 LONG RANGE TRANSPORTATION PLAN (LRTP) AIR QUALITY CONFORMITY DETERMINATION**
RESOLUTION APPROVING THE AIR QUALITY CONFORMITY DETERMINATION REPORT FOR THE MIAMI-DADE TRANSPORTATION PLAN TO THE YEAR 2030
- b. **2030 LONG RANGE TRANSPORTATION PLAN (LRTP) UPDATE**
RESOLUTION APPROVING THE MIAMI-DADE TRANSPORTATION PLAN UPDATE TO THE YEAR 2030
- c. **FY 2005 TRANSPORTATION IMPROVEMENT PROGRAM**
RESOLUTION APPROVING AN AMENDMENT TO FISCAL YEAR 2005 TRANSPORTATION IMPROVEMENT PROGRAM TO INCLUDE FUNDING FOR TRAFFIC STUDIES FOR SW 264TH STREET FROM US-1 TO SW 149TH AVENUE AND SW 211TH STREET FROM US-1 TO THE FLORIDA TURNPIKE
- d. **FY 2005 TRANSPORTATION IMPROVEMENT PROGRAM**
RESOLUTION APPROVING AN AMENDMENT TO THE FY 2005 TRANSPORTATION IMPROVEMENT PROGRAM TO ADD FUNDING TO STATE ROAD 836/I-395 PROJECT FOR THE ADVANCED ACQUISITION AND SUPPORT OF RIGHT-OF-WAY PHASES
- e. **FY 2005 TRANSPORTATION IMPROVEMENT PROGRAM**
RESOLUTION APPROVING AN AMENDMENT TO THE FY 2005 TIP TO INCLUDE FUNDING FOR IMPROVEMENTS ON STATE ROAD 856/WILLIAM LEHMAN CAUSEWAY

5. ACTION ITEM:

a. INTERLOCAL AGREEMENT

RESOLUTION APPROVING AN INTERLOCAL AGREEMENT BETWEEN THE METROPOLITAN PLANNING ORGANIZATION AND FLORIDA INTERNATIONAL UNIVERSITY (FIU) METROPOLITAN CENTER TO PREPARE THE ANNUAL AND QUARTERLY MPO NEWSLETTERS

6. REPORTS:

a. MPO BOARD MEMBERS

1. Request by Board Member Dennis C. Moss: Golden Glades Interchange/Toll Plaza Update

b. COUNTY MANAGER

- c. FLORIDA DEPARTMENT OF TRANSPORTATION (DISTRICT VI)
- d. MPO SECRETARIAT

APPENDIX Q
AGENCY COMMENTS ON DRAFT
CONFORMITY DETERMINATION REPORT



Florida Department of Transportation

JEB BUSH
GOVERNOR

OFFICE OF PLANNING - DISTRICT SIX
1000 N.W. 111 AVENUE, MIAMI, FLORIDA 33172
PHONE: (305) 470-5479 (SC) 429-5479
FAX: (305) 470-6737 (SC) 429-6737

JOSÉ ABREU
SECRETARY

October 20, 2004

Mr. Carlos Roa
Project Manager
Long Range Transportation Plan
Miami Metropolitan Planning Organization
111 N.W. 1st Street
Miami Florida 33128

Dear Mr. Roa:

Thank you for opportunity to review the Miami-Dade MPO's Long Range Transportation Plan air quality conformity data. The following comments, compiled by Phil Steinmiller and me, are based on the draft Air Quality Conformity Determination Summary report, dated October 1, 2004, provided by the MPO, and prepared by Gannett Fleming.

1. General Comment: There are many instances where references to page numbers, maps, tables and appendices elsewhere in the report are not correct or are missing altogether. Please review the document and correct all such inconsistencies.
2. There is some confusion as to which plan update the report refers to, e.g., on page 8, Item 10, 6th line, the report refers to Year 2025 LRTP, but it seems that it should be 2030.
3. On page 11, Item 23, the report discusses projects being amended in the 2030 plan. How is the plan being amended if it is not yet adopted?. Does this refer to TIP amendments?
4. On page 11, Item 24, the report refers to the 2025 plan, and its subset the 2005-2009 TIP. The TIP subset of the 2025 plan was for years 2002-2006.
5. The HPMS factor is referenced incorrectly four times in the document. These references occur at the bottom of page 5, at the end of Item 27, on page 12, in Item 31, on page 13, and again at the top of page 15. The factor referenced in the document is 0.999079. However, the text indicates that the HPMS VMT (46,216,790) is divided by the EMIS VMT (45,258,452), or

$$\frac{46,216,790}{45,258,452} = 1.0211748$$

Either the text is incorrect, or the factor is calculated incorrectly

Mr. Carlos Roa
October 20, 2004
Page 2

6. The second paragraph under Item 19, on page 10, is incorrect. The MPO representative was not available for the referenced teleconference, and the RTP and TIP were not discussed. Communication with air agencies occurred after the teleconference via e-mail.

There are a few additional minor comments which we have noted on the document pages, and we will provide these to you, separately, for your consideration.

If you wish to discuss any of the points raised in this letter, please let Phil or me know. Thank you.

Sincerely,

David Korros, AICP
Assistant Planning Manager

Cc: Sabrina David, FHWA
 LeeAnn Jacobs, FHWA
 Elizabeth Martin, FTA
 Lynorae Benjamin, EPA
 Brian Pessaro, FDOT
 Phil Steinmiller, FDOT

FHWA Comments November 3, 2004

From: Jacobs, LeeAnn [mailto:LeeAnn.Jacobs@fhwa.dot.gov]

Sent: Wednesday, November 03, 2004 1:39 PM

To: Roa, Carlos (MPO)

Cc: jlm1@miamidade.gov; irm@co.miami-dade.fl.us; David, Sabrina; brian.pessaro@dot.state.fl.us; Powell.Alan@epamail.epa.gov; david.korros@dot.state.fl.us; janet.seitlin@dot.state.fl.us; Kendall, Cathy

Subject: Miami-Dade CDR and LRTP Summary comments

Importance: High

Carlos, I have reviewed the subject documents and FDOT's comments to them, and have the following additional comments:

CDR:

Page 2, List of Tables, "Emissions" is misspelled.

Page 4, Table 1, the NOX and VOC budgets for 2000 are less than the NOX and VOC totals shown. Item 8 states that the emissions for each horizon year are less than the 1999 base year inventory. The 1999 base year numbers are not included. Which base year is correct, 1999 or 2000? Table 1 should be revised accordingly.

Page 5, second paragraph, "period" is misspelled.

Page 2, Item 2, invalid page numbers shown for location of Emissions Reduction Summary Tables and synopsis of results.

Page 8, Item 10, the year 2015 is listed twice.

Page 8, Item 11, last sentence doesn't make sense.

Page 9, Item 12, please note that EPA does not "approve" or make the conformity determinations for LRTPs or TIPs. FHWA and FTA are the approving agencies for conformity determinations, in consultation with EPA.

Page 9, Item 15, first paragraph, "sync" is misspelled.

Page 10, Item 18 needs a period at the end of the sentence.

Page 10, Item 19, last paragraph, FDOT District 8? If that is central office, it was listed prior. Omit "e" before "local".

Page 13, Item 30, I do not see any WPI numbers indicated in Appendix C as stated.

Page 17, Goal 3, "understanding" should be "understandable".

LRTP Summary Document:

Introduction, second paragraph states that the Plan was developed using the latest planning assumptions. It is expected that these assumptions will be spelled out in the LRTP document.

Page 2, Plan Development Process, states that the draft Plan was based on defined priority needs and projected financial revenues and included technical and public involvement activities. Again, these needs and projections should part of the LRTP document.

Page 5, Public Involvement, states that a Public Involvement Plan and Program was developed related to the LRTP. This Plan should be part of the LRTP documentation.

Page 6, Goals and Objectives, have these been revised from the last Plan?

Page 7, Goal V., bullets dots should be deleted in a few places

Page 7, New Elements, first bullet, needs uniform font style and size.

Page 10, third paragraph, delete ~~ed~~ before ~~as follows:~~

What are the estimated costs of the projects listed in Table 3, and how were they determined?

AQ analysis years are listed as 2005, 2010, 2025, and 2030~~2010~~ should be ~~2015~~.

Per the information provided on page 10, the AQ analysis years and the priority funding years do not match. Some distinction as to what projects are to be open during which analysis year needs to be included to ensure that analysis years are not crossed. For instance, Priority III and IV projects are to be funded between 2016 and 2030, but there are two AQ analysis years during that timeframe, 2025 and 2030. Those projects opened by 2025 should be included in the 2025 analysis. Similarly, the projects to be opened between 2025 and 2030 should be included in the 2030 analysis year.

Thank you for the opportunity to comment on the draft summary documents. I look forward to receiving your complete final documents.

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